Clinical Decision Support (CDS) Content and Health Level 7 (HL7)-Compliant Knowledge Artifacts (KNARTs)

Primary Care: General Clinical Note - History and Physical Exam Clinical Content White Paper

Department of Veterans Affairs (VA)

Knowledge Based Systems (KBS)
Office of Informatics and Information Governance (OIIG)
Clinical Decision Support (CDS)

Clinical Decision Support (CDS) Content and Health Level 7 (HL7)-Compliant Knowledge Artifacts (KNARTs): Primary Care: General Clinical Note - History and Physical Exam Clinical Content White Paper

by Department of Veterans Affairs (VA), , , , and

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Table 1. Relevant KNART Information: Primary Care: General Clinical Note - History and Physical Exam

Primary Care KNART	Associated CLIN
General Clinical Note - History and Physical Exam - Documentation Template	CLIN0009CA

B3 Group, Inc.

Cognitive Medical Systems, Inc.

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Introduction

The VA is committed to improving the ability of clinicians to provide care for patients while increasing quality, safety, and efficiency. Recognizing the importance of standardizing clinical knowledge in support of this goal, VA is implementing the Health Level 7 (*HL7*) Knowledge Artifact Specification for a wide range of VA clinical use cases. Knowledge Artifacts, referred to as (*KNARTs*), enable the structuring and encoding of clinical knowledge so the knowledge can be integrated with electronic health records to enable clinical decision support.

The purpose of this Clinical Content White Paper (*CCWP*) is to capture the clinical context and intent of *KNART* use cases in sufficient detail to provide the *KNART* authoring team with the clinical source material to construct the corresponding knowledge artifacts using the HL7 Knowledge Artifact Specification. This paper has been developed using material from a variety of sources: VA artifacts, clinical practice guidelines, evidence in the body of medical literature, and clinical expertise. After reviewing these sources, the material has been synthesized and harmonized under the guidance of VA subject matter experts to reflect clinical intent for this use case.

Unless otherwise noted, items within this white paper (e.g., documentation template fields, orderable items, etc.) are chosen to reflect the clinical intent at the time of creation. To provide an exhaustive list of all possible items and their variations is beyond the scope of this work.

Conventions Used

Conventions used within the knowledge artifact descriptions include:

<*obtain*>: Indicates a prompt to obtain the information listed

- If possible, the requested information should be obtained from the underlying system(s). Otherwise, prompting the user for information may be required
- The technical and clinical comments associated with a section should be consulted for specific constraints on the information (e.g., time-frame, patient interview, etc.)
- Default Values: Unless otherwise noted, <obtain> indicates to obtain the most recent observation. It is recognized that this default time-frame value may be altered by future implementations

[...]: Square brackets enclose explanatory text that indicates some action on the part of the clinical user, or general guidance to the clinical or technical teams. Examples include, but are not limited to:

[Begin ...], *[End ...]*: Indicates the start and end of specific areas to clearly delineate them for technical purposes.

[Activate ...]: Initiates another knowledge artifact or knowledge artifact section.

[Section Prompt: ...]: If this section is applicable, then the following prompt should be displayed to the user.

[Section Selection Behavior: ...]: Indicates technical constraints or considerations for the selection of items outlined in the section prompt.

[Attach: ...]: Indicates that the specified item (e.g. procedure or result interpretation) should be attached to the documentation template if available.

[Link: ...]: Indicates that rather than attaching an item (e.g. image), a link should be included in the documentation template.

[Clinical Comment: ...]: Indicates clinical rationale or guidance.

[Technical Note: ...]: Indicates technical considerations or notes to be utilized for KNART authoring and at time of implementation planning.

[If ...]: Indicates the beginning of a conditional section.

[Else, ...]: Indicates the beginning of the alternative branch of a conditional section.

[End if ...]: Indicates the end of a conditional section.

□ *[Check box]*: Indicates items that should be selected based upon the section selection behavior.

Chapter 1. Primary Care: General Clinical Note - History and Physical Exam

Clinical Context

[Begin Clinical Context.]

Capturing clinical information in a structured format greatly enhances its utility as a knowledge object. Applying such an approach to previously unstructured data, such as miscellaneous notes, will greatly increase its value.

Table 1.1. Clinical Context Domains

Target User	Primary Care Clinical providers
Patient	Adult Outpatients
Priority	Routine
Specialty	Primary Care
Location	Outpatient

[End Clinical Context.]

Knowledge Artifacts

[Begin Knowledge Artifacts.]

This section describes the CDS knowledge artifact that is intended to facilitate documentation of information obtained during an initial primary care new patient visit. The documentation template includes the following sections: Chief complaint, history of present illness, review of systems, sexual assault, annual screening questionnaire, and health literacy assessment.

The knowledge artifact which defines this clinical use case is described in detail in the following sections:

Documentation Template: Primary Care: General Clinical Note - History and Physical Exam NART

Documents the information obtained during initial primary care new patient visit

Includes logic for appropriate display of documentation sections

[End Knowledge Artifacts.]

Chapter 2. Primary Care: General Clinical Note - History and Physical Exam Documentation Template

[Begin Primary Care: General Clinical Note - History and Physical Exam Documentation Template.]

Knowledge Narrative

[Begin Knowledge Narrative.]

[See Clinical Context in Chapter 1.]

[Technical Note: The Documentation template shall:

Allow for the efficient documentation of a general clinical note during initial patient evaluation; and

Adjust content presented to the clinician as needed during the evaluation; and

Pre-populate with existing data from the patient's medical record for review and editing by the end-user.]

[End Knowledge Narrative.]

General Clinical Note

[Technical Note: The template will be structured as follows.]

Demographics

[Begin Demographics.]

[Section Prompt: Demographics.]

<obtain> Patient Name

<obtain> Medical Record Number

<obtain> Attending Physician

<obtain> Other Current Clinical Providers

<obtain> Mental Health Providers

<obtain> Social Workers

<obtain> Residents (Include If Current)

<obtain> Other Providers

<obtain> Date of Birth

<obtain> Age (Years)

<obtain> Sex

<obtain> Self-Reported Gender Identity

<obtain> Race/Ethnicity

<obtain> Preferred Language

[Section Prompt: Translator Needed.]

[Section Selection Behavior: Select only one. Required.]

☐ Yes

☐ No

[End Demographics.]

History

[Begin History.]

[Technical Note: The template will provide links to other targeted KNARTs where additional detail is needed.]

[Technical Note: Any information that can be obtained from the system should pre-populate the section fields in a manner that is apparent to the end user.]

[Technical Note: Any automatically obtained data should be editable by the user of the KNART.]

[Technical Note: The ability for the end user to enter multiples is necessary to be built during authoring.]

[Section Prompt: Visit Reason/Chief Complaint.]

- <obtain> Description

[Section Prompt: History of Present Illness.]

<obtain> Details of history of present illness

Past Medical History

[Section Prompt: Past Medical History.]

<obtain> Past Medical History

Surgical History

[Section Prompt: Surgical History.]

[Technical Note: Allow for multiple entry.]

<obtain>Surgical Procedure

<obtain>Surgical Date

Mental Health History

[Section Prompt: Mental Health History]

[Technical Note: Link to future Mental Health History KNART.]

[Section Prompt: Are you currently seeing someone or taking medication for stress-related concerns, or for a mental health concern such as Post-Traumatic Stress Disorder (PTSD)?]

<obtain>Current Behavioral Health Condition and Treatment History

[Section Prompt: Have you ever received treatment (such as medication or counseling) for a stress-related concern, or for a mental health concern such as PTSD?]

<obtain>Past Behavioral Health Condition and Treatment History

[Section Prompt: Have you ever been to the Emergency Room or have you ever been hospitalized for a stress-related concern, or mental health concern such as PTSD?]

<obtain>Emergency Room or Hospital Behavioral Health Condition and Treatment History

Military History

[Section Prompt: Military History.]

[Technical Note: Please enable entry of multiple instances of "Military occupation", "Separation from service date" and "Branch of service"]

<obtain> Military occupation

<obtain> Military Exposure (Agent Orange, etc.)

<obtain> Years of Service

<obtain> Separation from service date

<obtain> Branch of Service

<obtain> Overseas Travel

<obtain> Conflict History

<obtain> Additional Details

Medication History

[Section Prompt: Medication History.]

[Technical Note: Link to future Medication Reconciliation KNART.]

[Technical Note: "Recently Expired Medications" is defined in the VA's "ESSENTIAL MEDICATION INFORMATION STANDARDS" directive as "within the past 90 to 120 days". The directive is located at: http://www.va.gov/vhapublications/ViewPublication.asp?pub_ID=3119 (follow the links in Appendix A).]

<obtain> Current Prescribed Medications

<obtain> Current Over-the-Counter (OTC) Medications

[Technical Note: The following field should be completed automatically.]

<obtain> Recently Expired Medications

Allergies and Adverse Reactions

[Section Prompt: Allergies and Adverse Reactions.]

<obtain> Allergies and Adverse Reactions

Family Medical History

[Section Prompt: Family Medical History.]

[Technical Note: Link to Family Health History KNART.]

<obtain> Family Medical History

Preventative Services History

[Section Prompt: Preventative Services History.]

[Technical Note: Provide the following links to the user of this KNART: https://www.medicare.gov/coverage/preventive-and-screening-services.html; https://www.prevention.va.gov/; https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Men.asp; https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Women.asp] [https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Women.asp]

<obtain> Preventative Services History

Personal and Social History

[Section Prompt: Living Situation/Social Support/Financial Support.]

<obtain> Living Situation

<obtain> Marital Status/Domestic Status

<obtain> Current Occupation

<obtain> Level of Education

<obtain> Additional Personal, Social, and Employment History

[Section Prompt: Substance Use.]

<obtain> Alcohol

<obtain> Tobacco

<obtain> Illicit drug(s)

[Section Prompt: Sexual and Abuse History.]

<obtain> Sexual Activity

<obtain> Sexual Assault/Abuse History

<obtain> Military Sexual Trauma History

<obtain> Physical or Other Assault/Abuse History

[Section Prompt: Disability Rating.]

<obtain> Military disability % rating and associated service connected conditions.

Review of Systems

[Section Prompt: Review of Systems.]

[Section Prompt: Complete only relevant sections if complete history and physical not intended.]

[Technical Note: Link to Review of Systems KNART (not currently available).]

<obtain> Constitutional Symptoms (for example, fever, weight loss)

<obtain> Eyes

<obtain> Ears, nose, mouth, throat

<obtain> Cardiovascular

<obtain> Respiratory

<obtain> Gastrointestinal

<obtain> Genitourinary

<obtain> Musculoskeletal

<obtain> Integumentary (skin and/or breast)

<obtain> Neurological

<obtain> Psychiatric

<obtain> Endocrine

<obtain> Hematologic/Lymphatic

<obtain> Allergic/Immunologic

[End History.]

Screening

[Begin Screening.]

[Technical Note: The template will provide links to other targeted KNARTs where additional detail is needed.]

[Screen Prompt: Screening.]

<obtain> Health Literacy

<obtain> Cognition

<obtain> Self-Reported Health Rating

<obtain> Nutrition/Diet

<obtain> Exercise/Physical Activity

[Technical Note: Link to Clinical Reminder for alcohol use screening if there is one available.]

<obtain> Alcohol Use

[Technical Note: Link to Tobacco Assessment and Cessation Counseling KNART.]

<obtain> Tobacco Use

<obtain> Substance Use (Including Prescription Drugs)

[Technical Note: Link to Consult for Depression and Suicide Risk Assessment KNARTs.]

<obtain> Consult for Depression

<obtain> Suicide Risk Assessment

[Technical Note: Link to PTSD Screening and Assessment and Suicide Risk Assessment KNARTs.]

<obtain> PTSD history

<obtain>Suicide Risk Assessment

[Clinical Comment: Scale is 0-10 for the pain instrument below.]

<obtain> Pain Level (0-10)

[Section Prompt: Functional Assessment.]

[Technical Note: Provide user a link to the Katz Index of ADLs and Lawton-Brody Instrumental Activities of Daily Living scale: https://clas.uiowa.edu/socialwork/sites/clas.uiowa.edu.socialwork/files/NursingHomeResource/documents/Katz%20ADL_LawtonIADL.pdf

<obtain> Safety (Including Fall Risk, If Appropriate)

<obtain> Additional Risk Factors

[Section Prompt: Advance Directive Confirmed Accessible to Providers.]

□ Yes

<obtain> Additional Details

□ No

[End Screening.]

Physical Examination

[Begin Physical Examination.]

[Section Prompt: Vital Signs.]

[Technical Note: Any information that can be obtained from the system should pre-populate the section fields in a manner that is apparent to the end user.]

<obtain> Systolic Blood Pressure (BP) (mm Hg)

<obtain> Diastolic BP (mm Hg)

<obtain> Temperature (°F)

<obtain> Heart Rate beats per minutes (bpm)

<obtain> Respiratory rate breaths per minute

<obtain> Oxygen Saturation (%)

<obtain> Height (Inches)

<obtain> Weight (Pounds)

[Technical Note: Body mass index (BMI) should be calculated and provided below, in kilograms per square meter (kg/m^2), using the formula BMI = 703 × weight (pounds)/height (inches)^2.]

<obtain> Body Mass Index (kg/m^2)

<obtain> Waist Circumference (Centimeters)

[Section Prompt: Physical Exam.]

<obtain> Head, Eyes, Ears, Nose, Throat (HEENT) Exam

<obtain> Neck Exam

<obtain> Cardiovascular Exam

<obtain> Pulmonary Exam

<obtain> Abdominal Exam

<obtain> Genitourinary Exam

<obtain> Extremities Exam

<obtain> Musculoskeletal Exam

<obtain> Skin Exam

<obtain> Neurological Exam

[Section Prompt: Laboratory Results.]

[Technical Note: The following field should be completed automatically if results are available.]

[Technical Note: Provide access to all lab data, with ability to filter by lab type or date.]

<obtain> Laboratory Test Results

[Section Prompt: Imaging Results.]

[Technical Note: Images should be attached automatically if text is provided for the following field.]

[Technical Note: Provide access to all images, with ability to filter by image type or date.]

<obtain> Imaging Study Reports

<link> Image

[End Physical Examination.]

Assessment and Plan

[Begin Assessment.]

[Section Prompt: Assessment.]

<obtain> Details

□ Assessments and Plan, Including Risks and Benefits of Recommended Treatment, Discussed with Patient

[End Assessment.]

[Begin Plan.]

<obtain> Plan of Treatment

<obtain> Preventive Services

[Technical Note: Provide links to:

National Center for Health Promotion and Disease Prevention's Get Recommended Screening Tests and Immunizations for Men [https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Men.asp]

Get Recommended Screening Tests and Immunizations for Women [https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Women.asp]

U.S. Preventive Services Task Force's (USPSTF) A and B Recommendations [https://www.uspreventiveservicestaskforce.org/Page/Name/uspstf-a-and-b-recommendations]]

<obtain> Preventive Counseling

<obtain> Patient Education

[Technical Note: Provide link www.veteranshealthlibrary.org [http://www.veteranshealthlibrary.org]]

<obtain> Self-Management Education

[Section Prompt: Medications Plan.]

<obtain> CurrentMedications

□ Continue Medications

<obtain> Continued Medications

□ Discontinue Medications

<obtain> Discontinued Medications

[Technical Note: If either of the following – "Modified Medications" or "New Medications" – are selected, the clinician should be able to select and attach relevant order sets.]

□ Modified Medications

<obtain> Modified Medications

□ New Medications

<obtain> New Medications

[Technical Note: Provide link to Medication Reconciliation KNART as available.]

<obtain> Other Plans

[Section Prompt: Consultations?]

<obtain> Consultations

<obtain> Consult specifics

[Section Prompt: Next Visit?]

<obtain> Next visit date

□ Labs/imaging results were reviewed with the patient.

□ Patient Expresses Understanding and Agrees with Plan

[End Plan.]

[End Primary Care: General Clinical Note - History and Physical Exam Documentation Template.]

Bibliography/Evidence

[Denny, 2008] JC Denny, RA Miller, KB Johnson, and A Spickard. “Development and evaluation of a clinical note section header terminology”. *AMIA Annu Symp Proc 2008*. 2008. 156-160.

[Goetzel, 2011] RZ Goetzel, P Staley, L Ogden, and et al. “U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. A framework for patient-centered health risk assessments – providing health promotion and disease prevention services to Medicare beneficiaries.”. *Centers for Disease Control and Prevention Website*. https://www.cdc.gov/policy/hst/hra/frameworkforhra.pdf. Published 2011. Accessed August 29, 2017.

National Center for Health Promotion and Disease Prevention. *Get Recommended Screening Tests and Immunizations for Men*. https://www.prevention.va.gov/Healthy_Living/Get_Recommended_Screening_Tests_and_Immunizations_for_Men.asp. Accessed August 29, 2017.

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[Section 4103 of the Affordable Care Act] “Medicare coverage and payment of the annual wellness visit providing a personalized prevention plan under Medicare Part B”. *FedRegist*. 2011. 76. 228. 42 CFR §410, §414, §415, and §495..

The Opioid Therapy for Chronic Pain Work Group. *VA/DoD Clinical Practice Guideline for Opioid Therapy for Chronic Pain*. https://www.healthquality.va.gov/guidelines/Pain/cot/VADoDOTCPG022717.pdf. Published February 2017.

U.S. Preventive Services Task Force. *USPSTF A and B Recommendations*. https://www.uspreventiveservicestaskforce.org/Page/Name/uspstf-a-and-b-recommendations/. Updated April 2017.

Appendix A. Existing Sample VA Artifacts

The following artifacts are from the VA National Primary Care Note Template.

Figure A.1. VA National Primary Care Note Template: VA Primary Care New Patient - Visit/Chief Complaint and Past History Sections

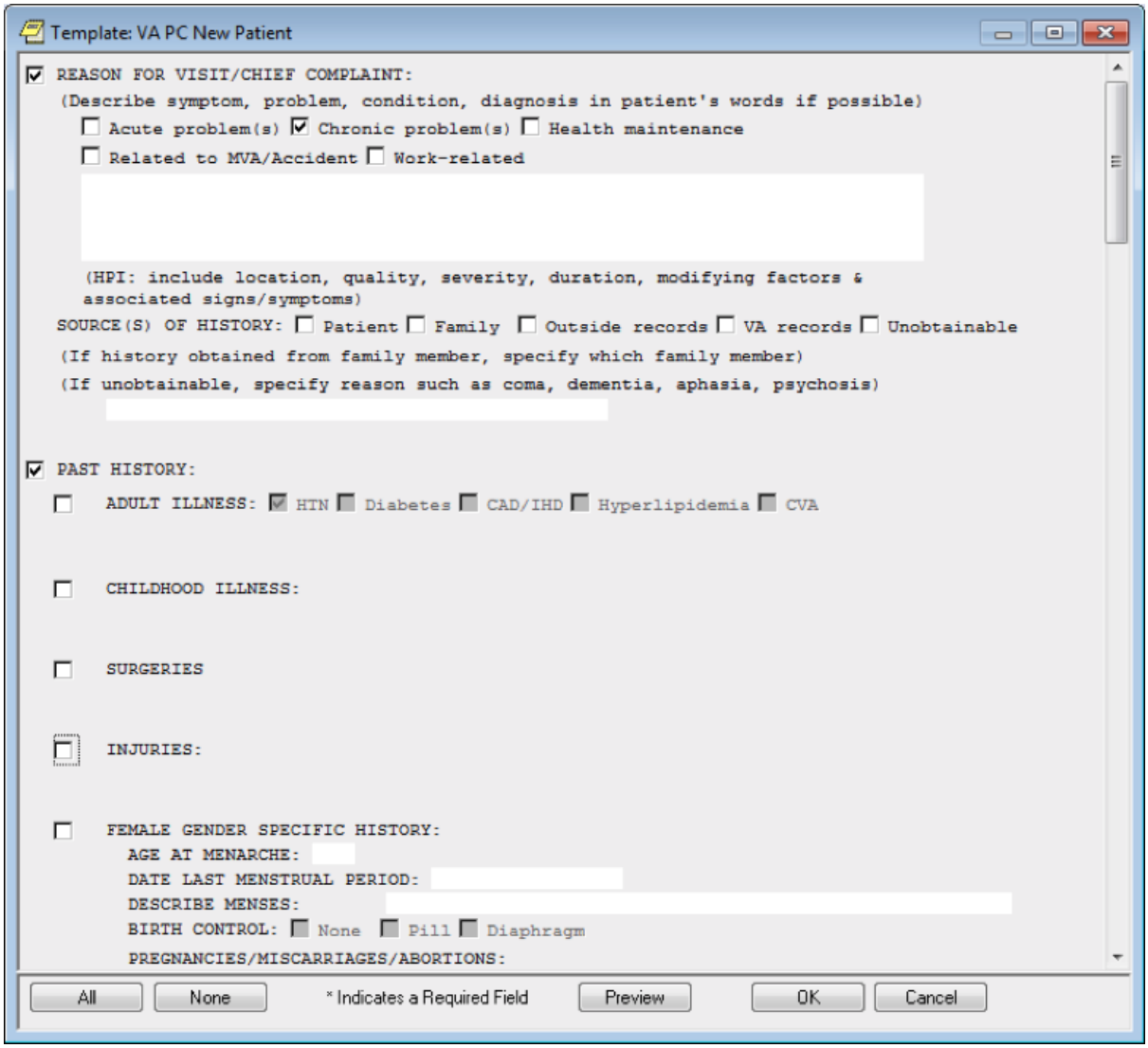


Figure A.2. VA National Primary Care Note Template: VA Primary Care New Patient - Female Gender Specific History and Social History Section

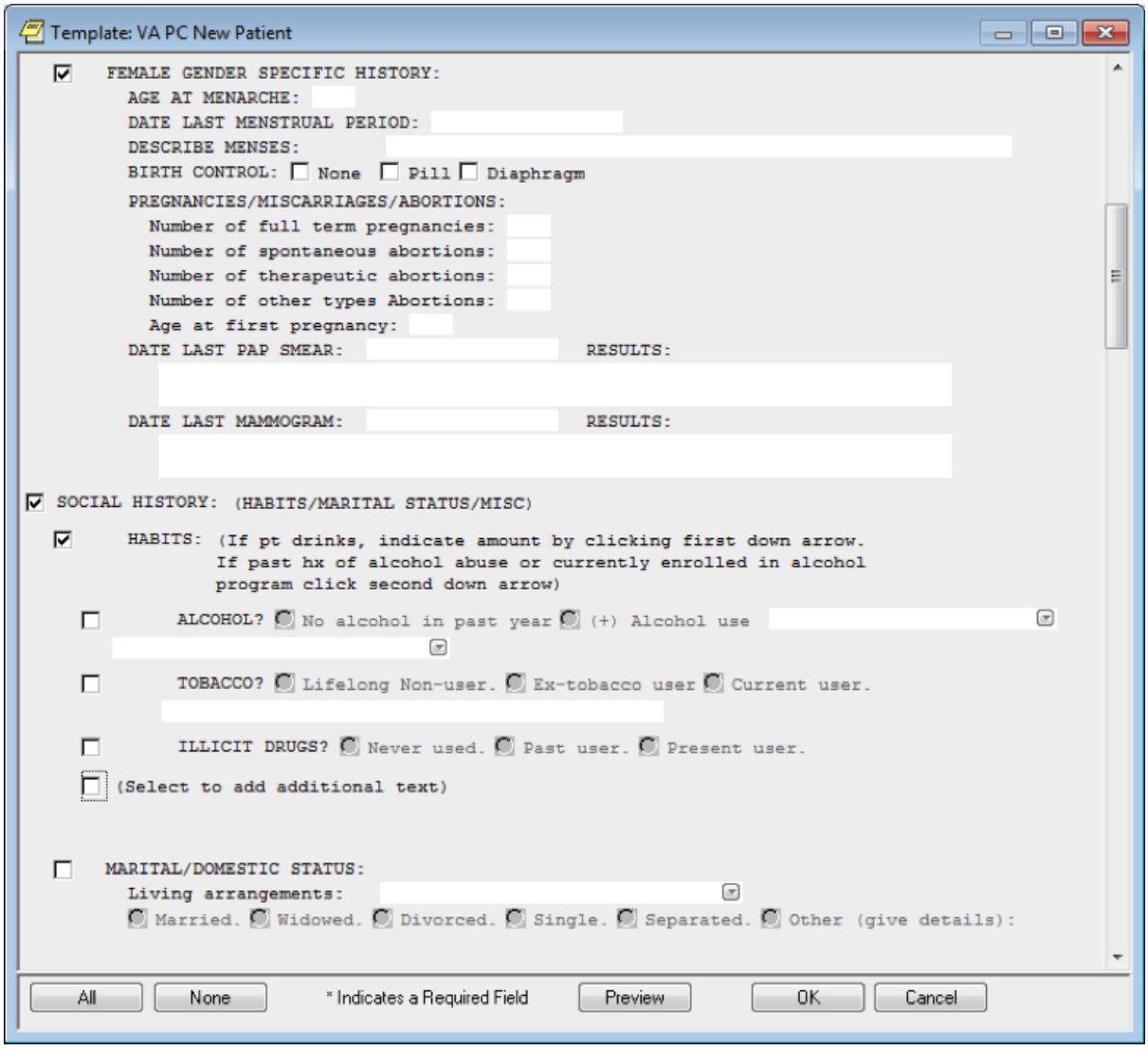


Figure A.3. VA National Primary Care Note Template: VA Primary Care New Patient - Marital/Domestic Status Section

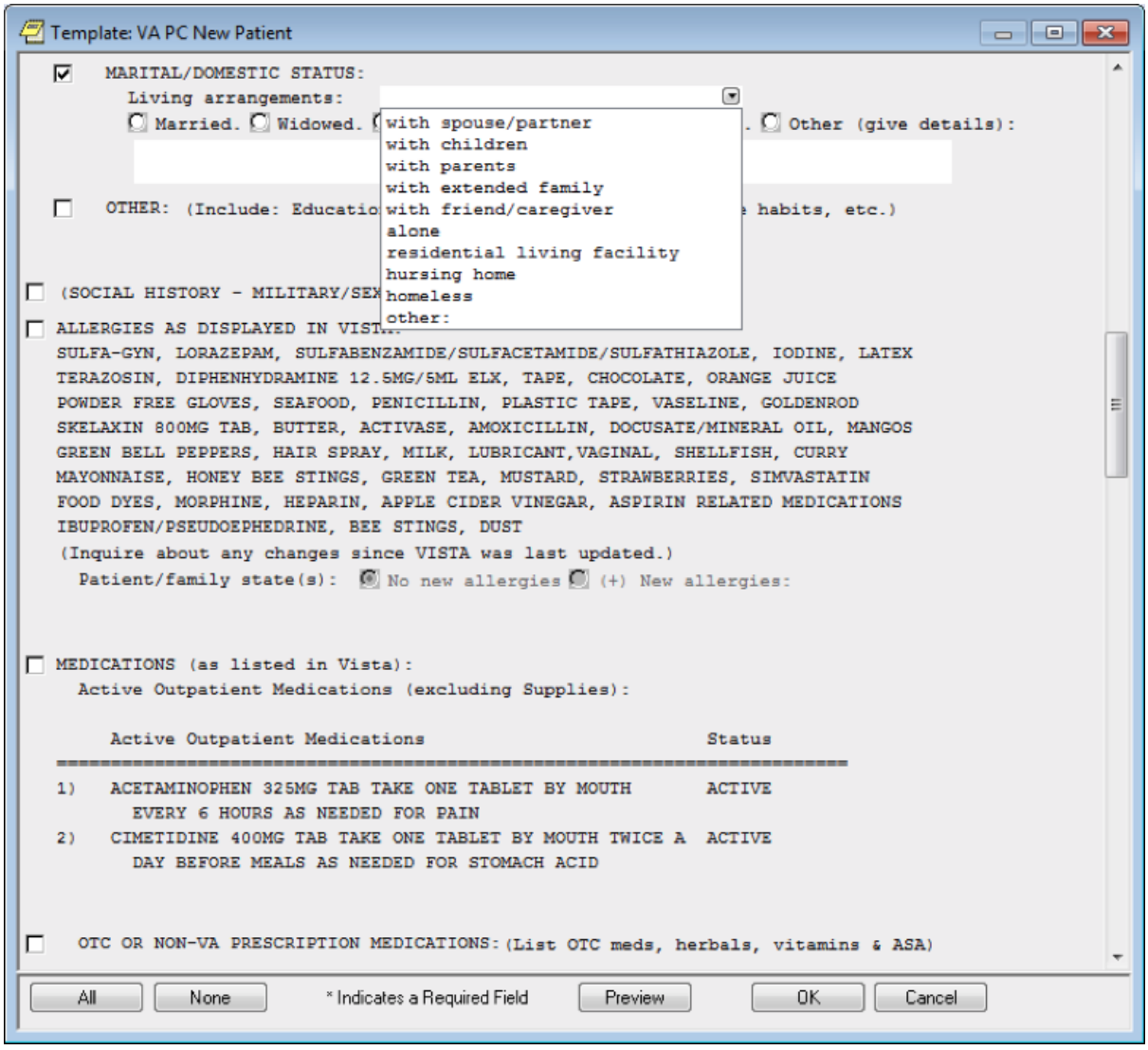


Figure A.4. VA National Primary Care Note Template: VA Primary Care New Patient - Marital/Domestic Status, Social History and Military History (Branch of Service)

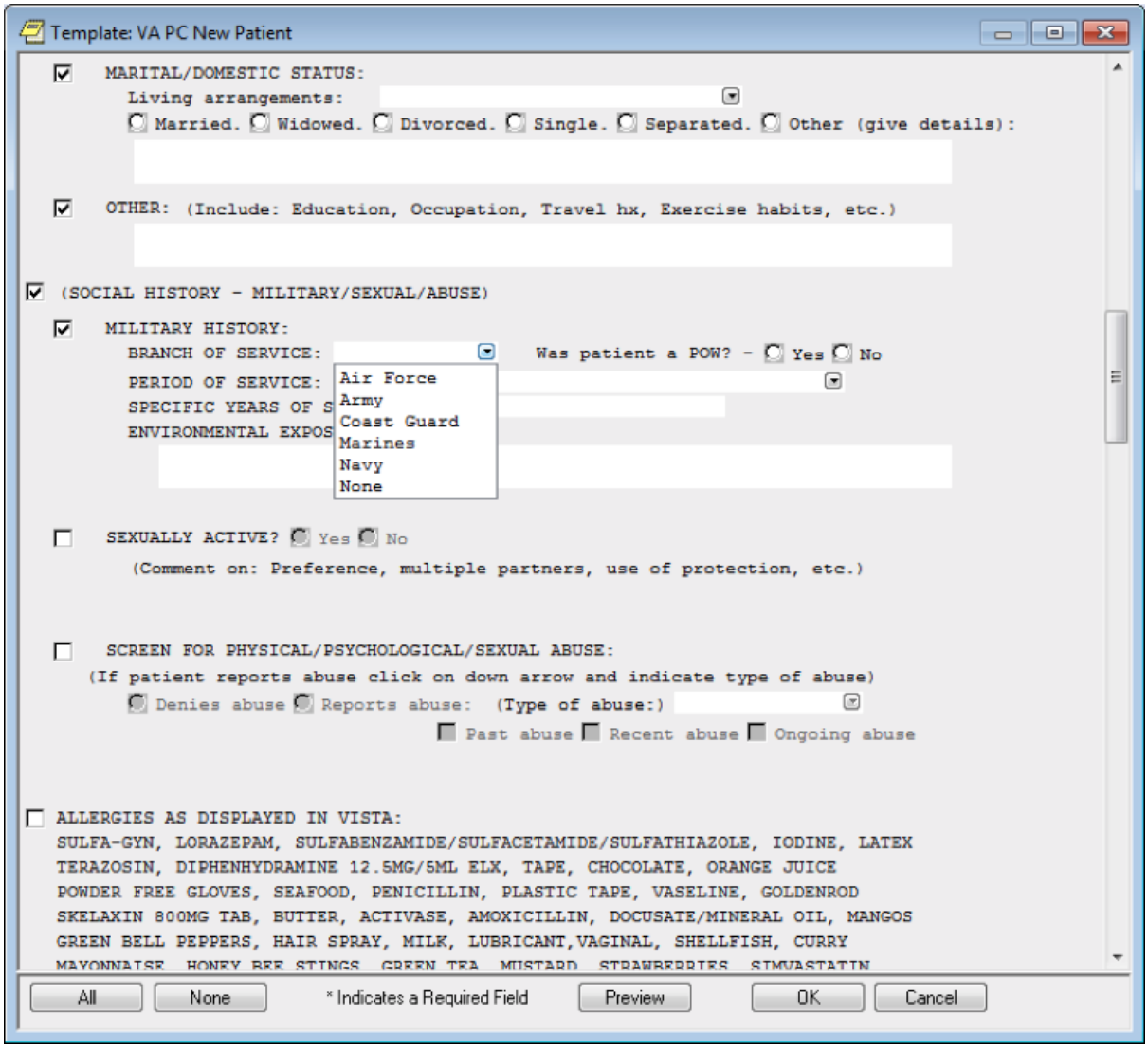


Figure A.5. VA National Primary Care Note Template: VA Primary Care New Patient - Marital/Domestic Status, Social History and Military History Sections (Period of Service)

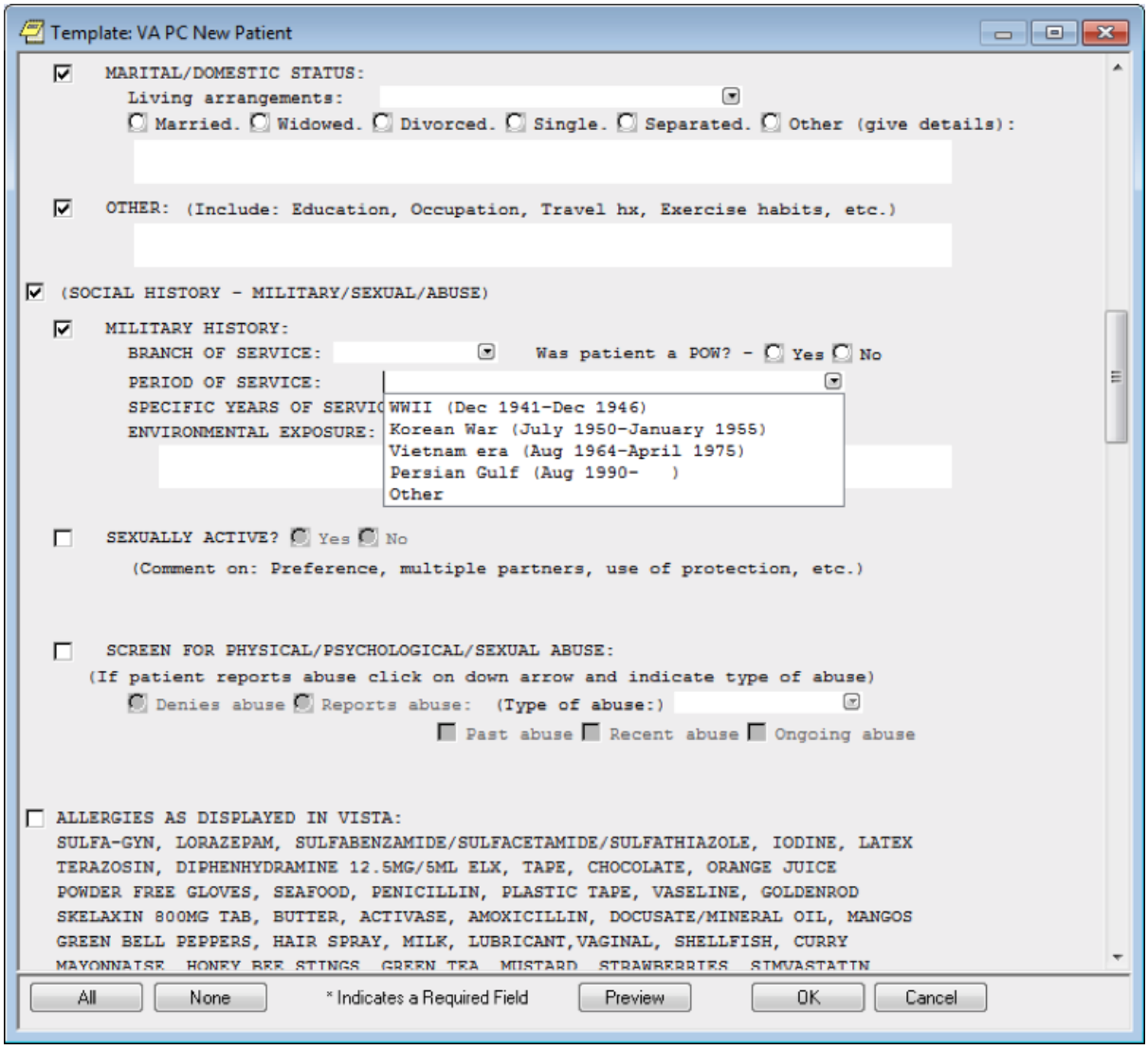


Figure A.6. VA National Primary Care Note Template: VA Primary Care New Patient - Marital/Domestic Status, Social History, Military History and Screen for Physical/ Psychological/Sexual Abuse Sections

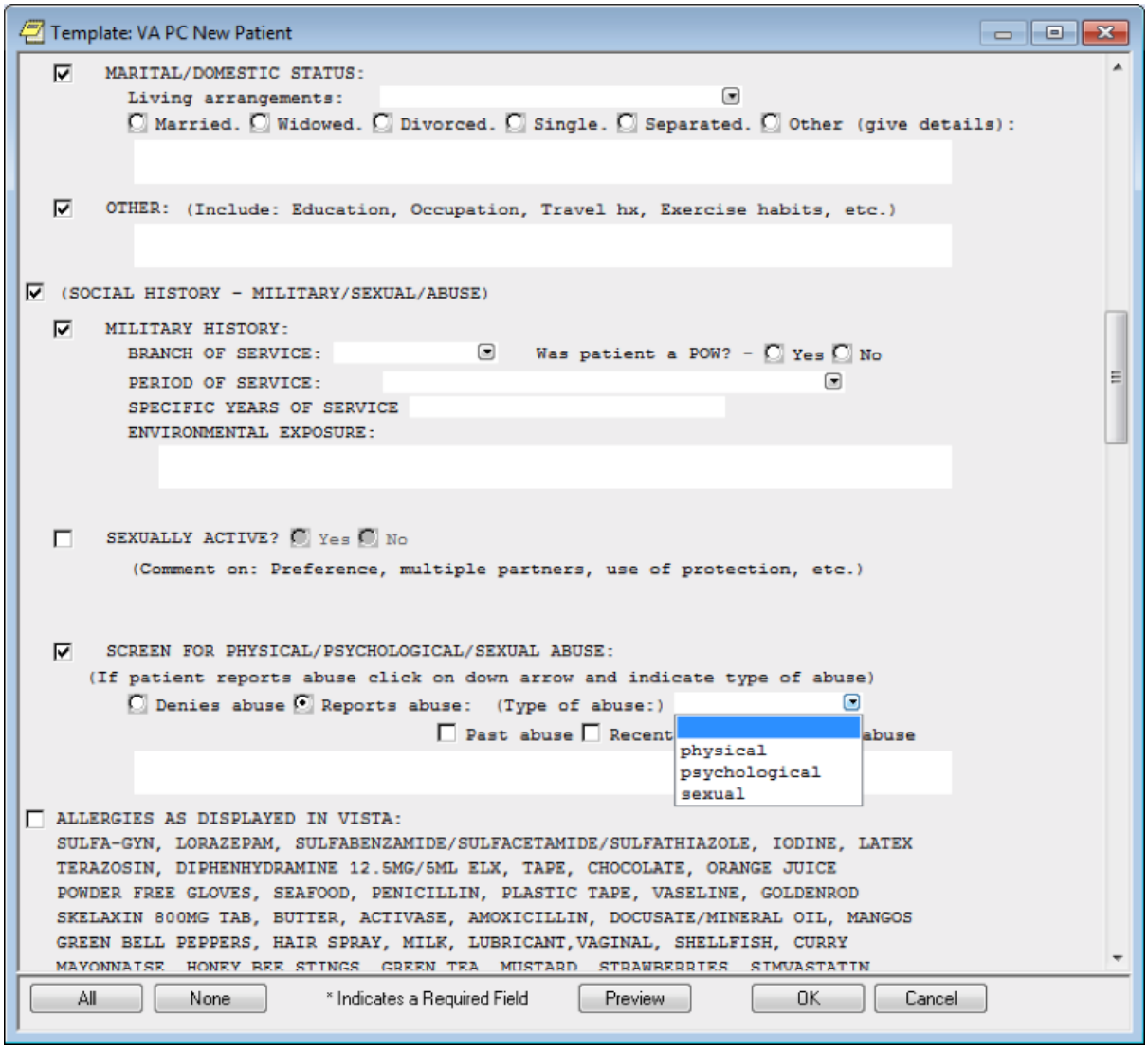


Figure A.7. VA National Primary Care Note Template: VA Primary Care New Patient - Allergies as Displayed in VistA, Medications, Over the Counter (OTC) or Non-VA Prescription Medications, and Family History Sections

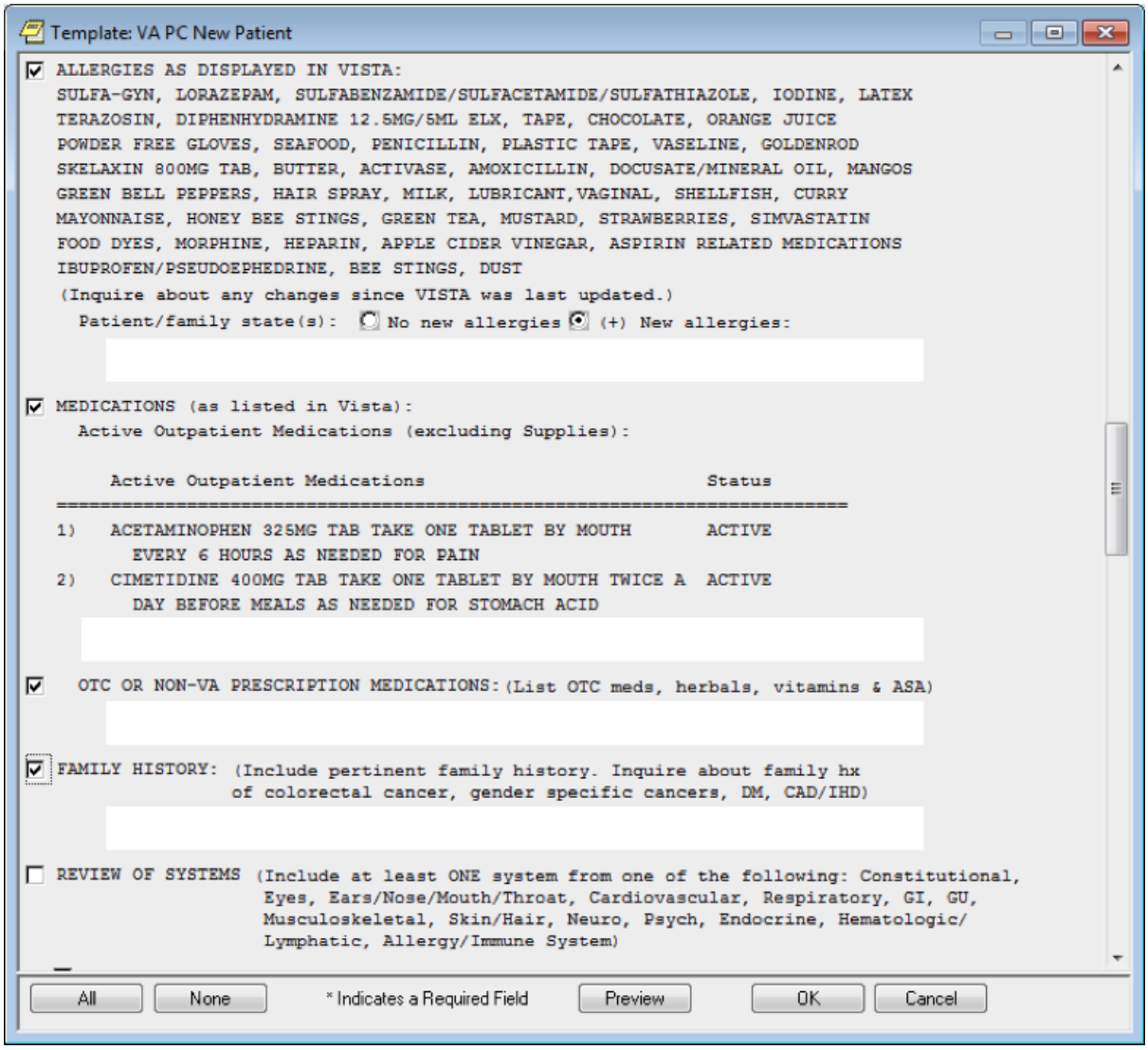


Figure A.8. VA National Primary Care Note Template: VA Primary Care New Patient - Review of Systems Section

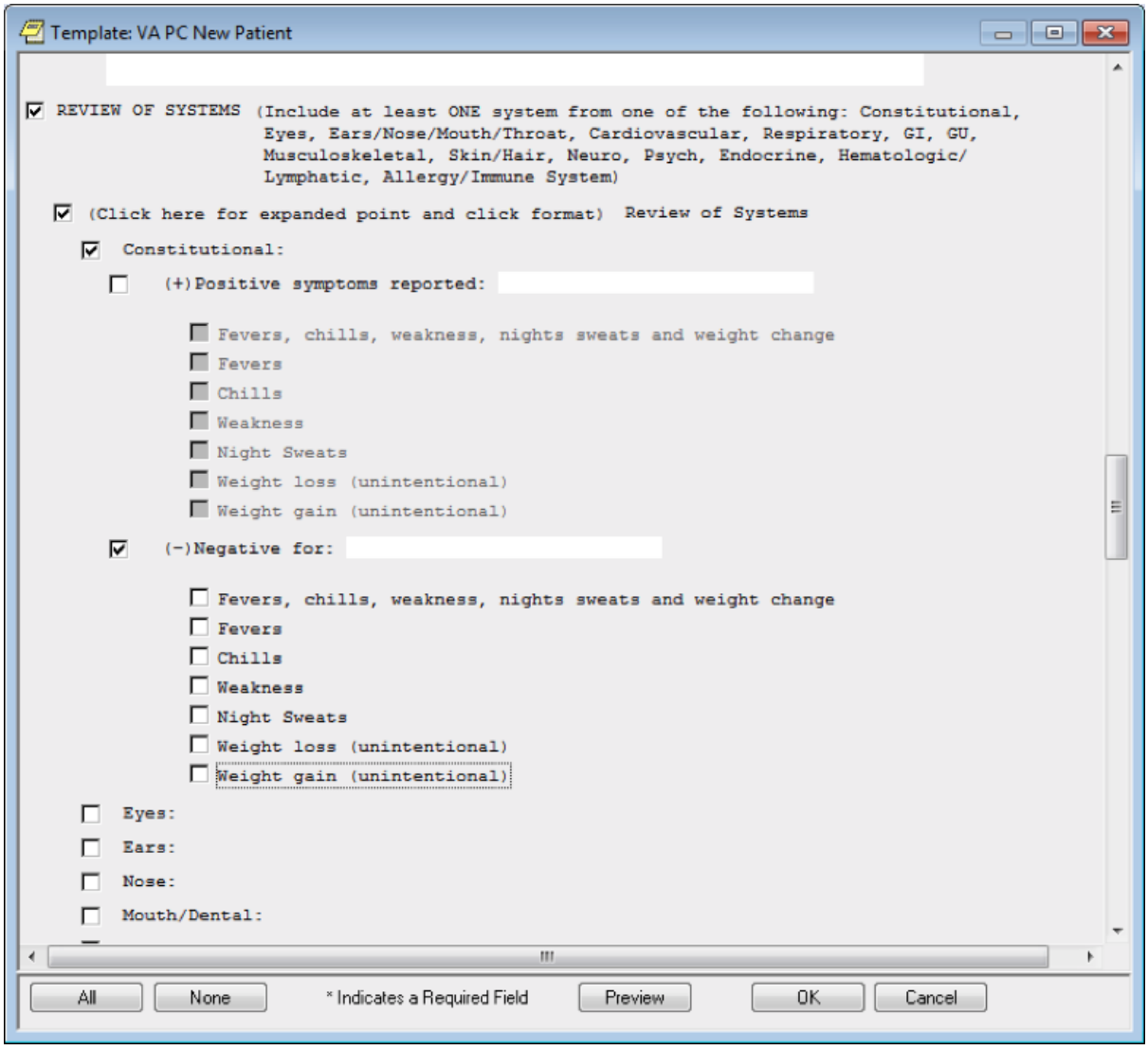


Figure A.9. VA National Primary Care Note Template: VA Primary Care New Patient - Review of Systems, Eyes Negative for Symptoms Section

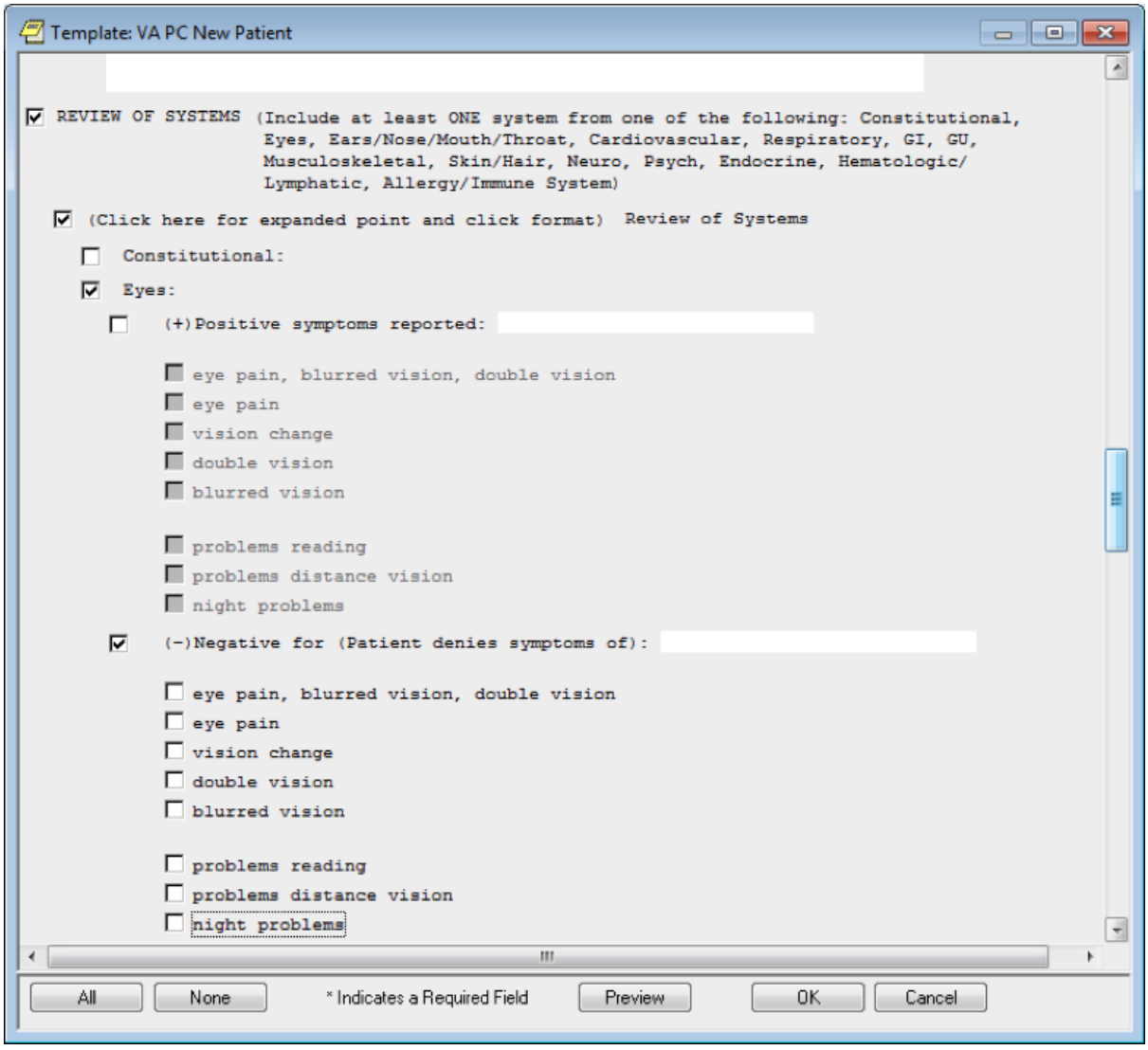


Figure A.10. VA National Primary Care Note Template: VA Primary Care New Patient - Nose Positive Symptoms Reported Section

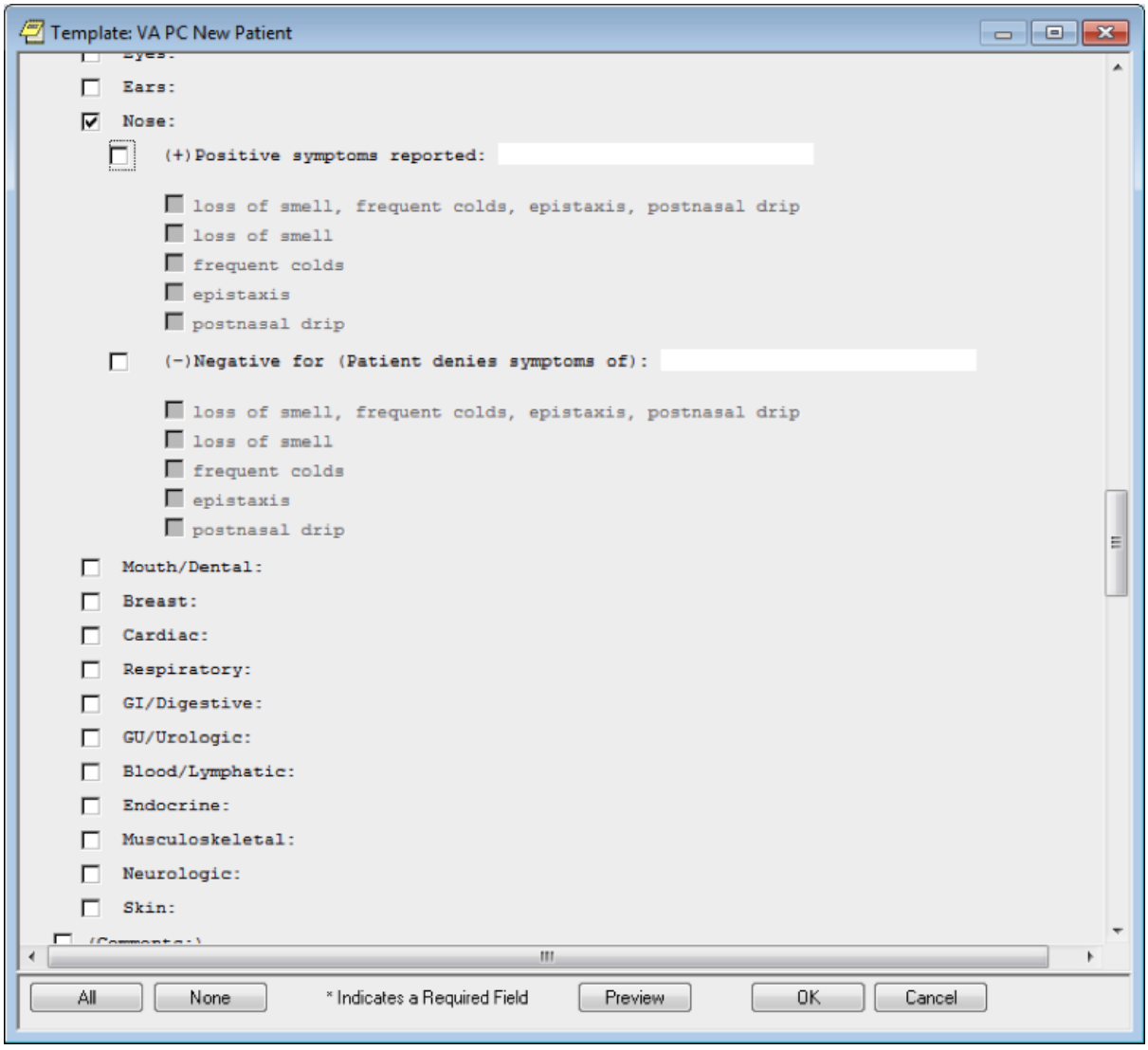


Figure A.11. VA National Primary Care Note Template: VA Primary Care New Patient - Ears with Positive Symptoms Reported and Negative for Symptoms Sections

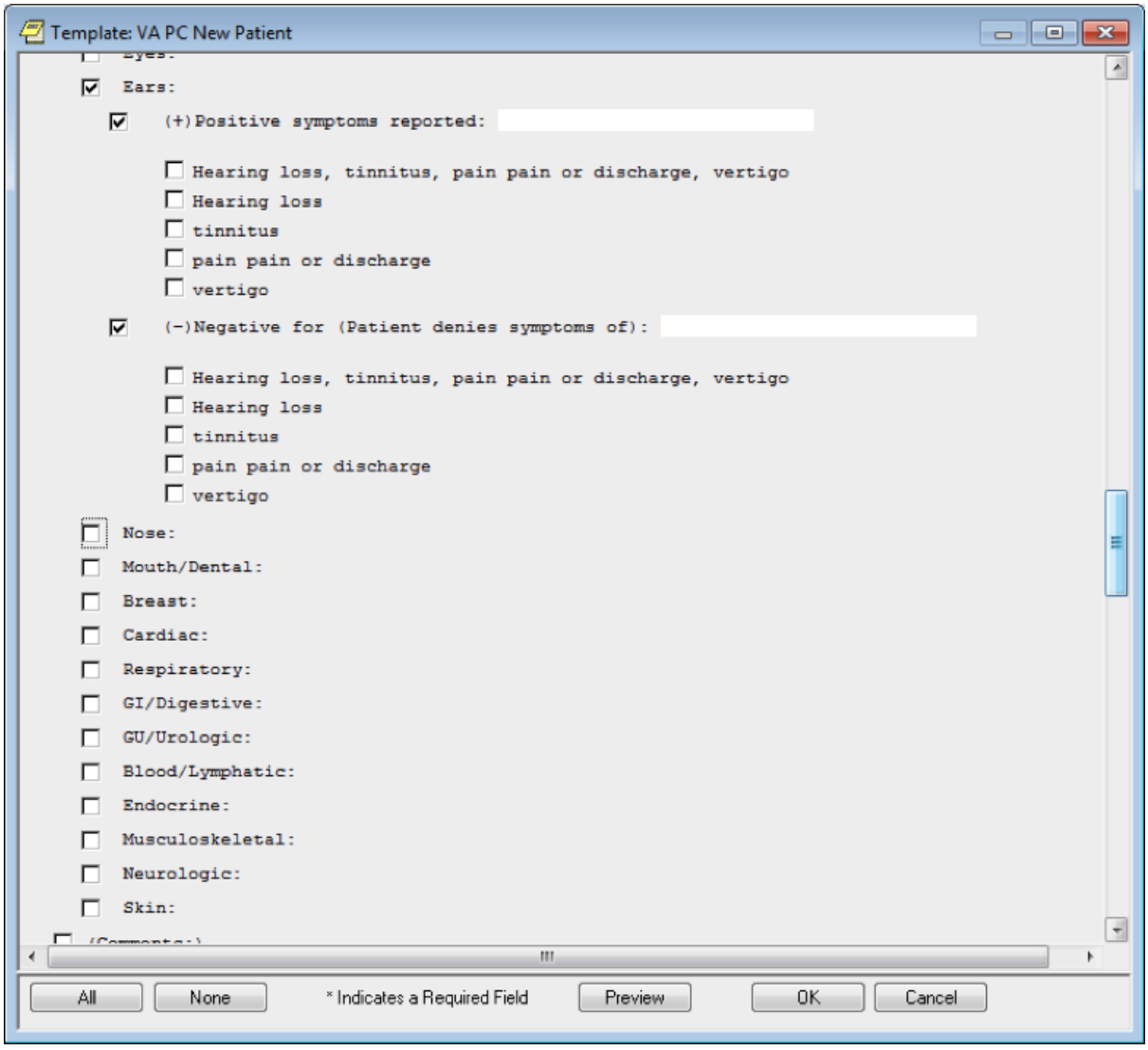


Figure A.12. VA National Primary Care Note Template: VA Primary Care New Patient - Mouth/Dental Section

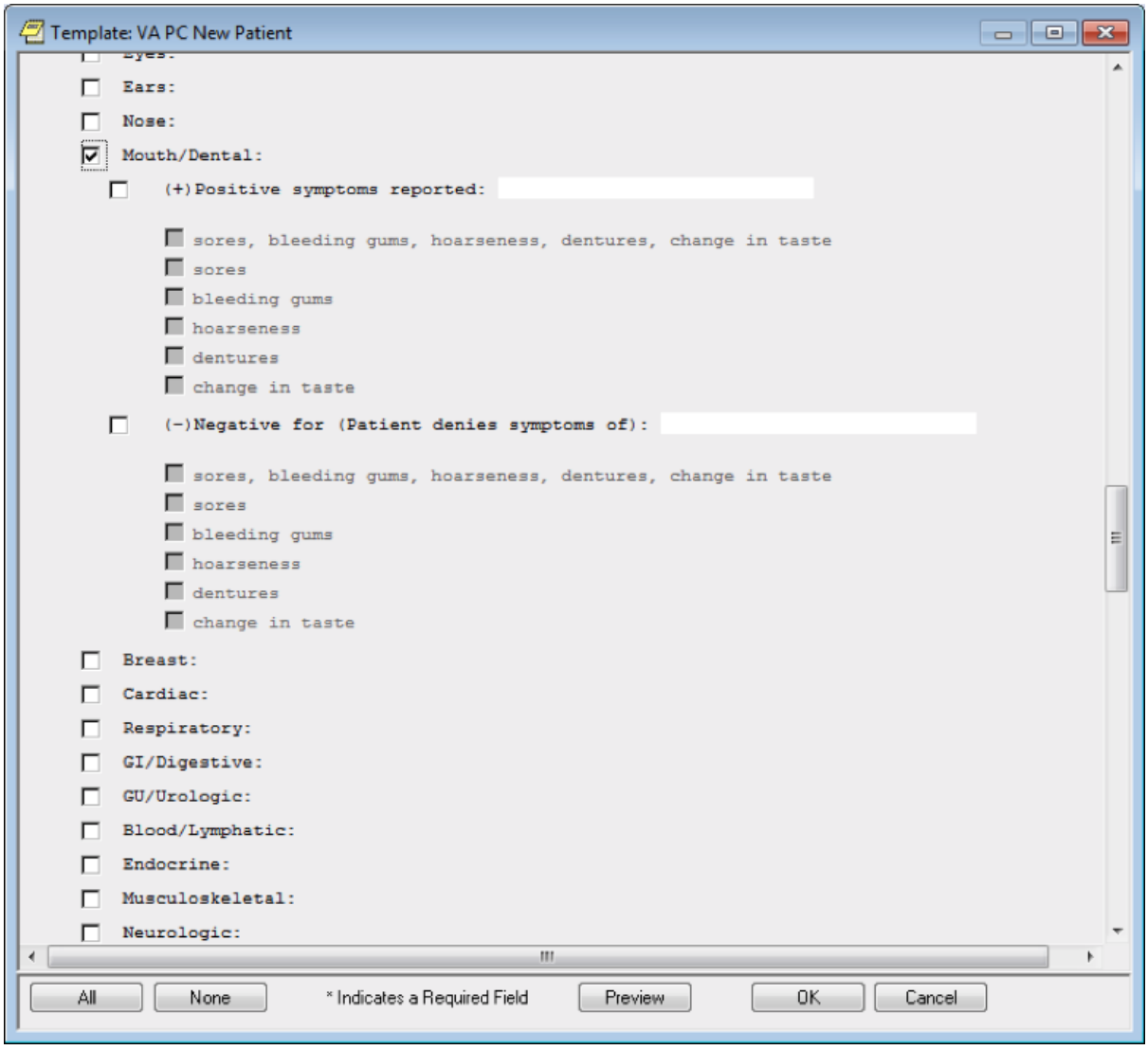


Figure A.13. VA National Primary Care Note Template: VA Primary Care New Patient - Breast Section

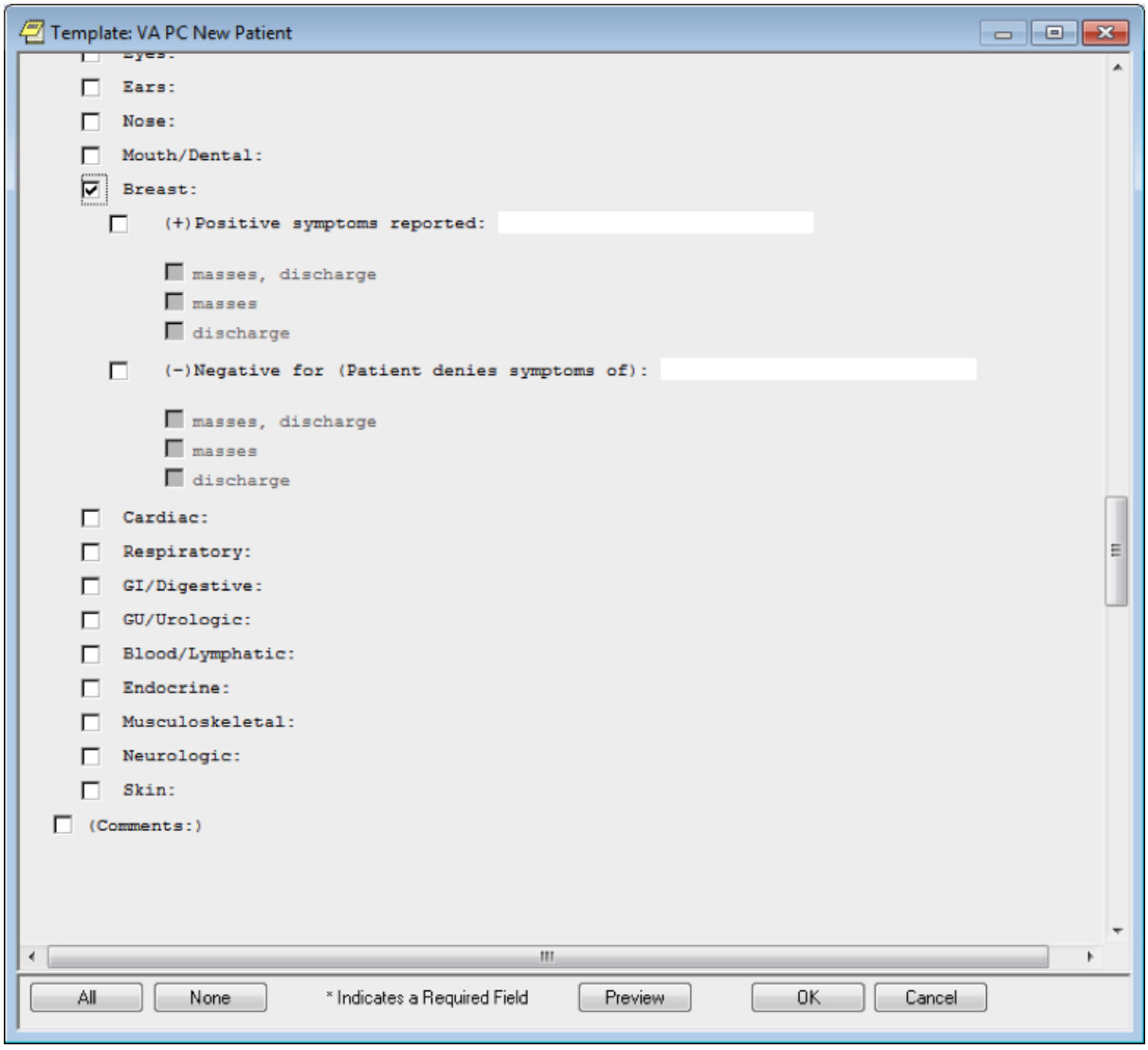


Figure A.14. VA National Primary Care Note Template: VA Primary Care New Patient - Cardiac Section

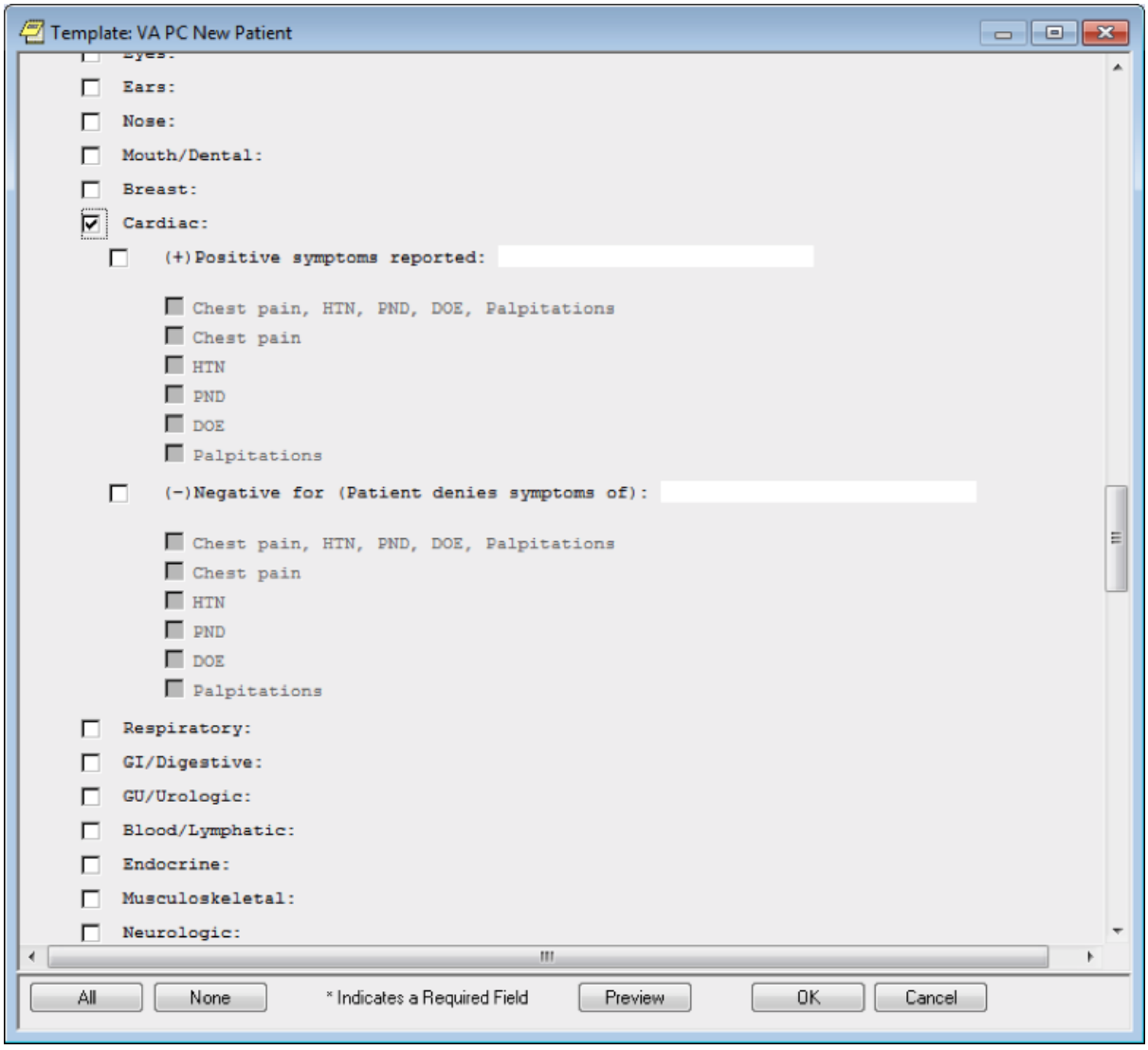


Figure A.15. VA National Primary Care Note Template: VA Primary Care New Patient - Respiratory Section

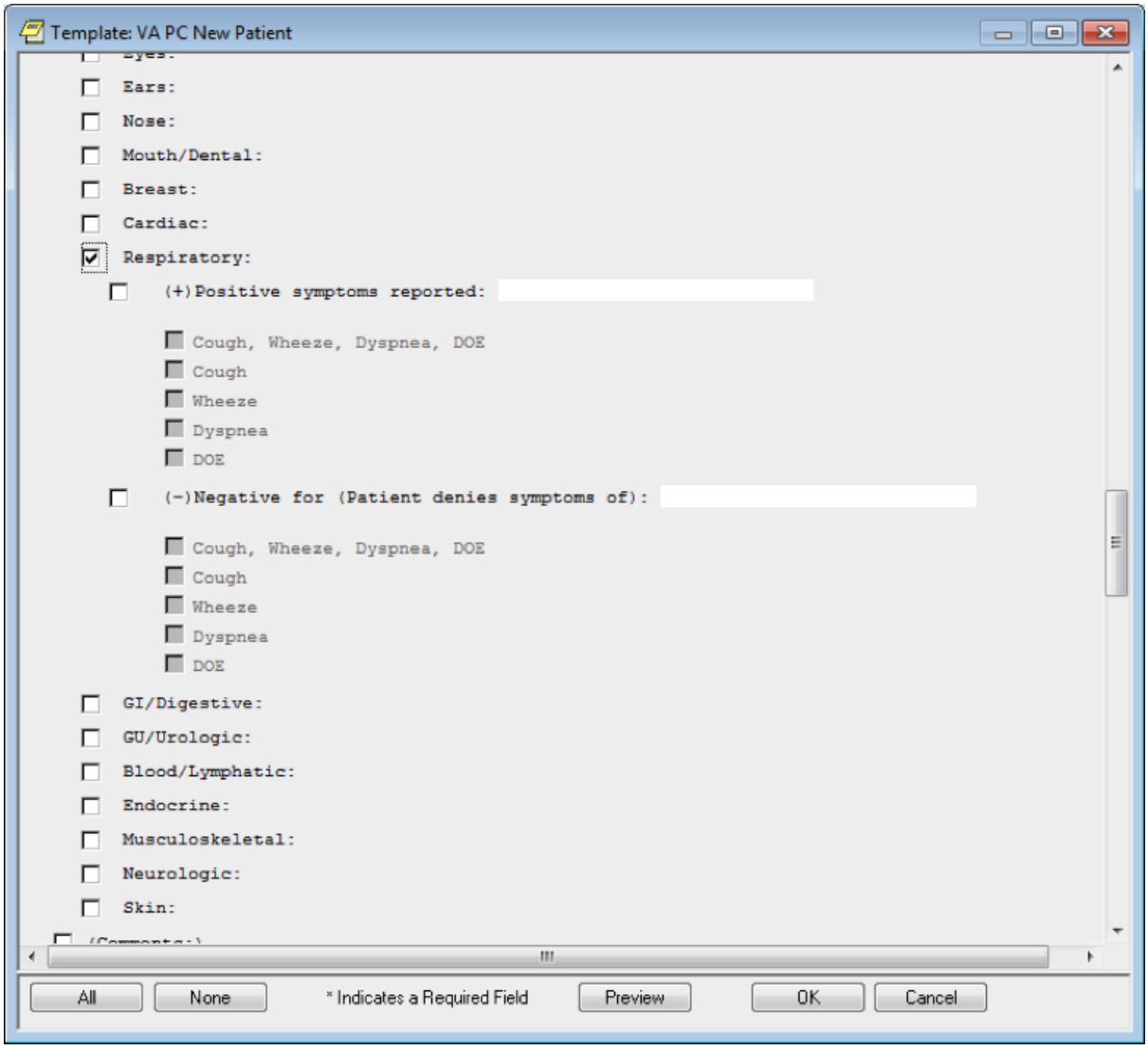


Figure A.16. VA National Primary Care Note Template: VA Primary Care New Patient - Gastroenterology (GI)/Digestive Section

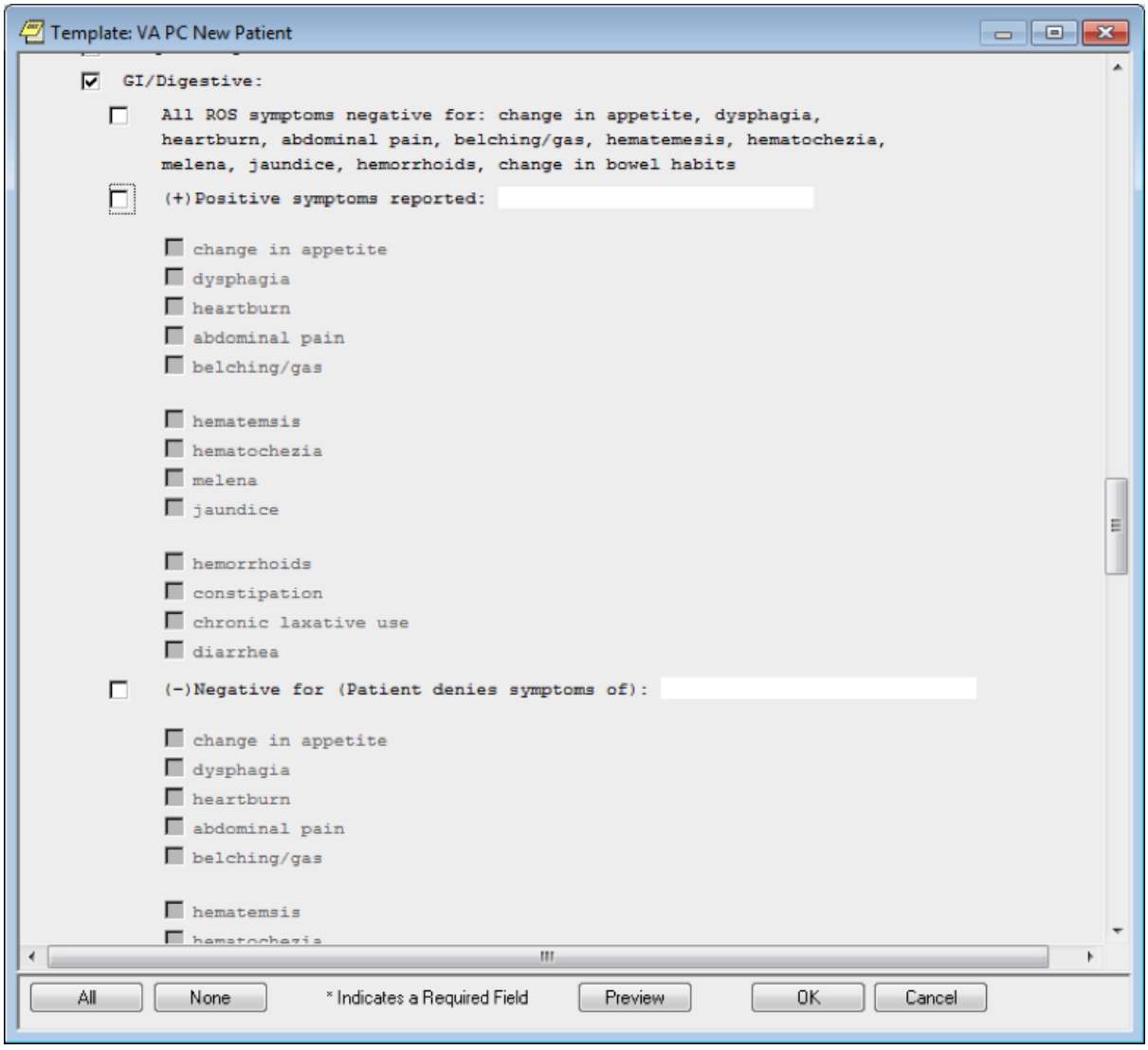


Figure A.17. VA National Primary Care Note Template: VA Primary Care New Patient - Gastroenterology (GI)/Digestive with Negative for Symptoms Section

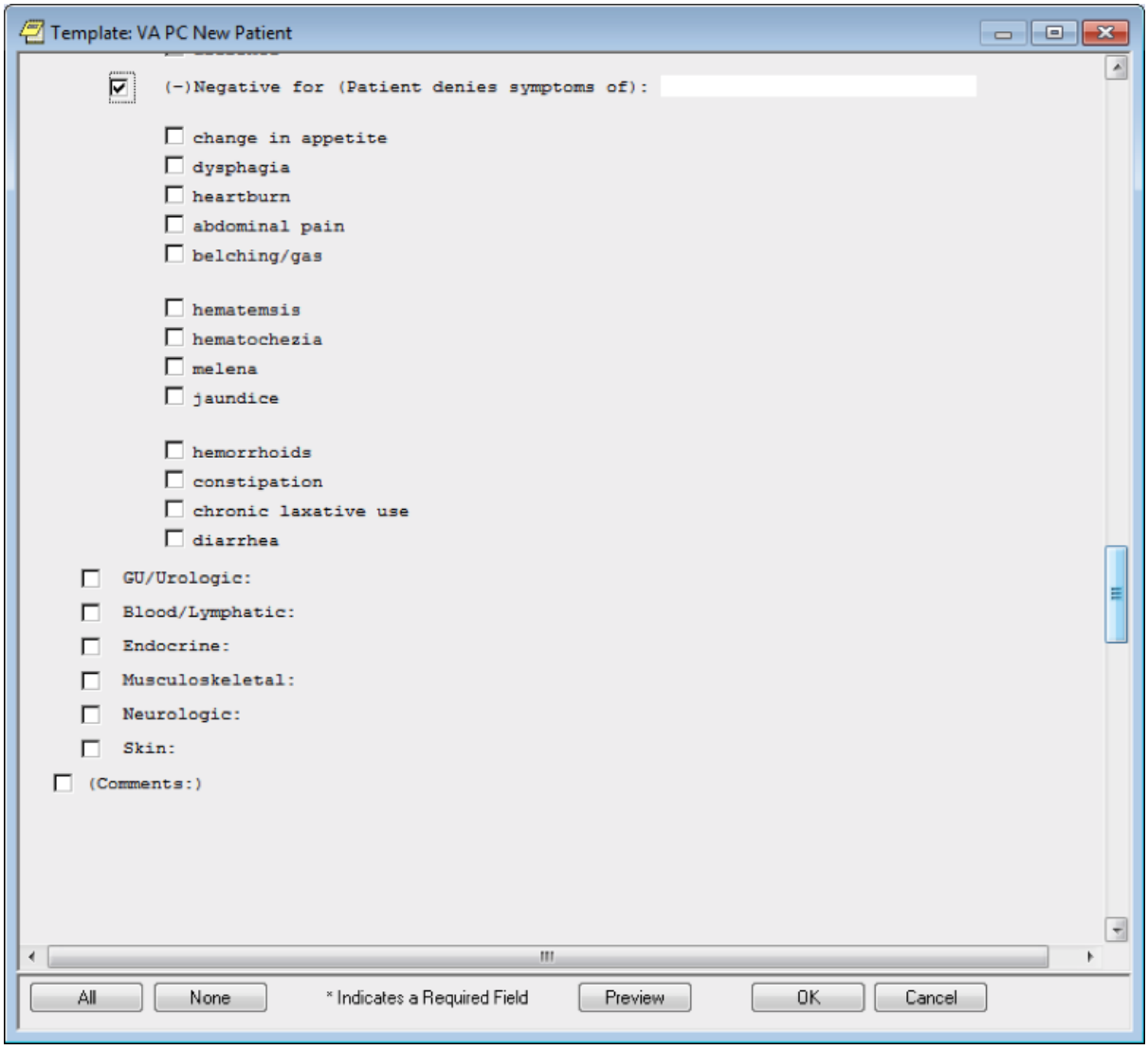


Figure A.18. VA National Primary Care Note Template: VA Primary Care New Patient - Genitourinary (GU)/Urologic and Male GU Sections

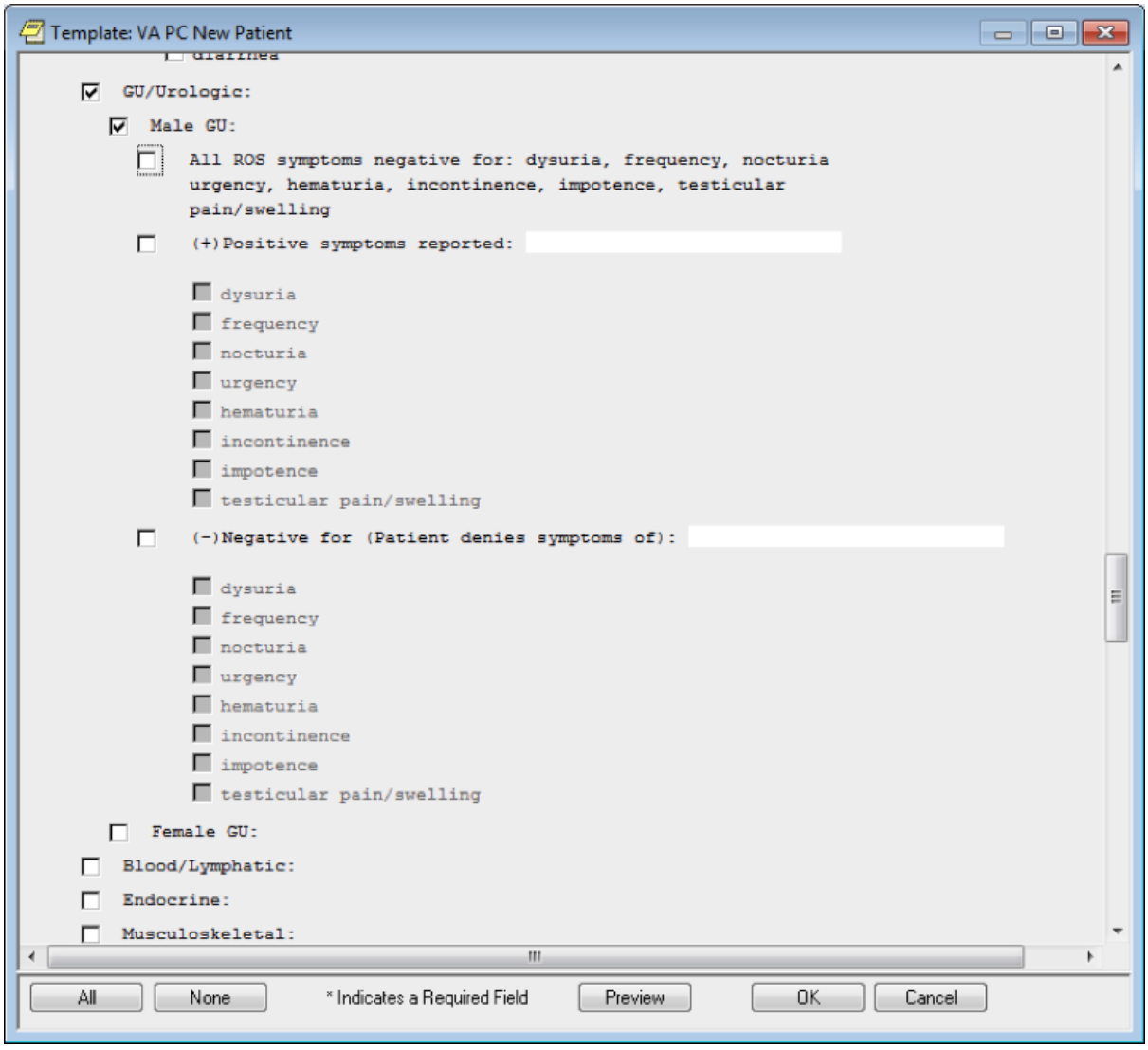


Figure A.19. VA National Primary Care Note Template: VA Primary Care New Patient - Genitourinary (GU)/Urologic and Female GU Sections

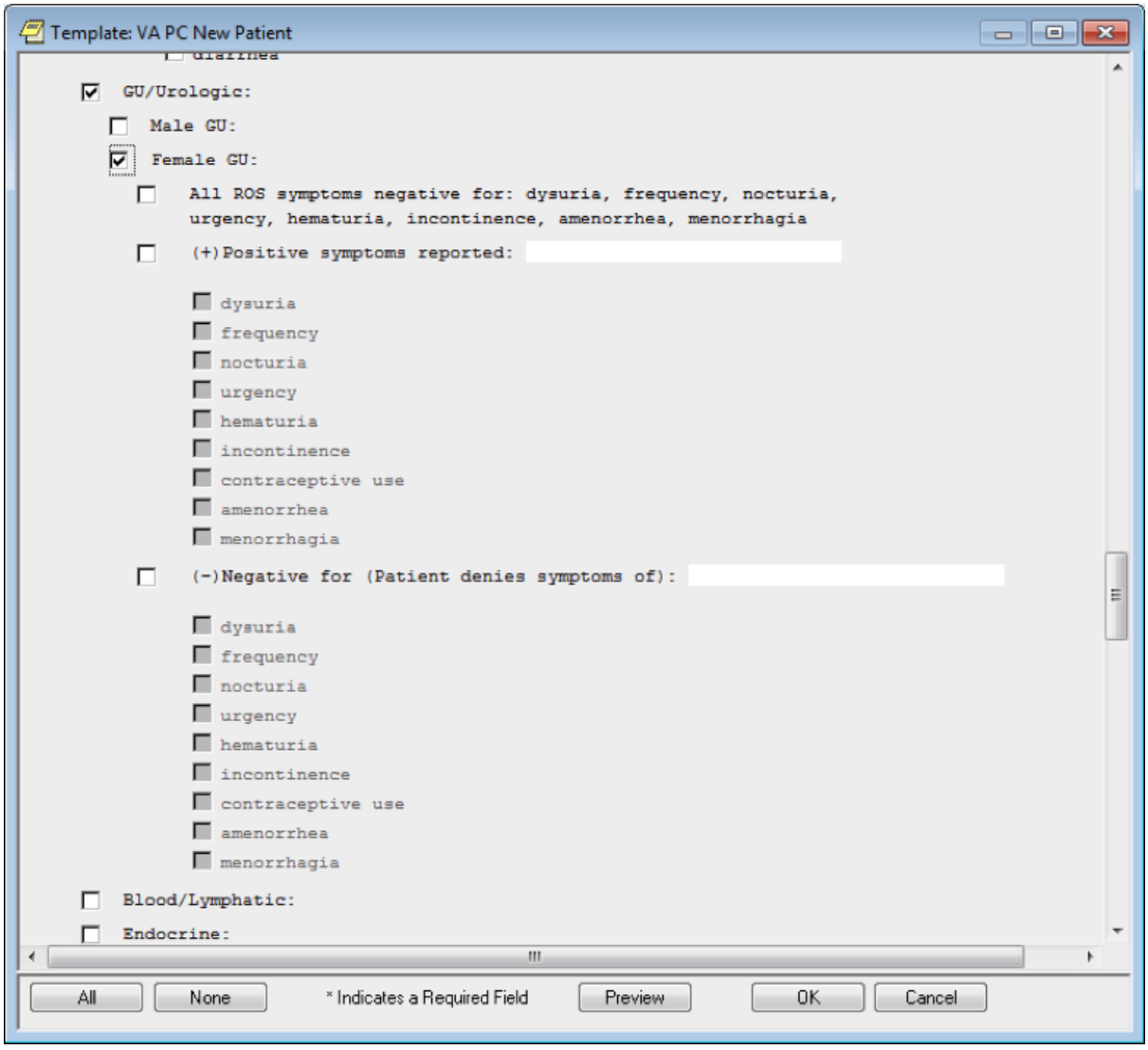


Figure A.20. VA National Primary Care Note Template: VA Primary Care New Patient - Blood/Lymphatic Section

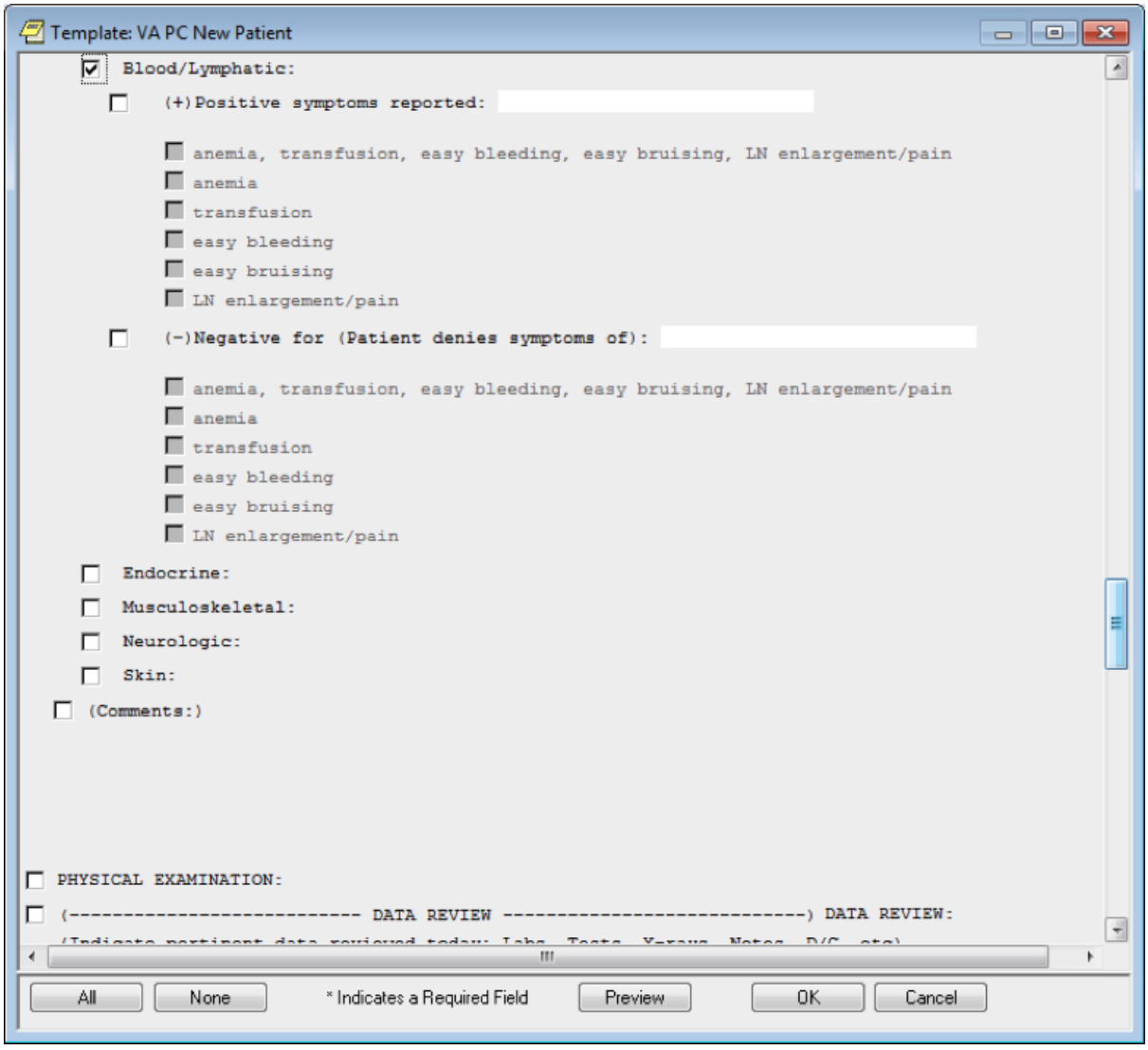


Figure A.21. VA National Primary Care Note Template: VA Primary Care New Patient - Endocrine Section

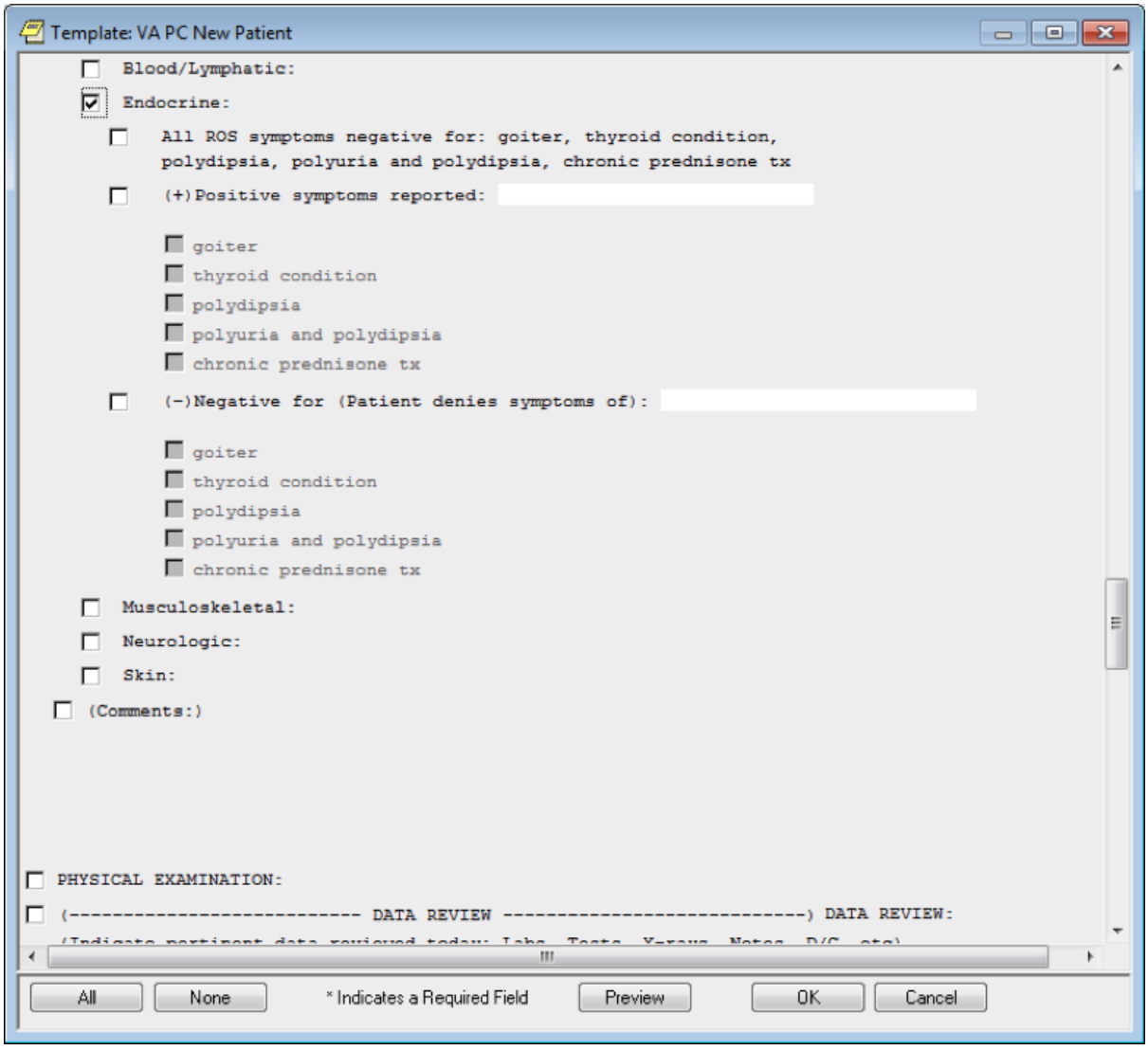


Figure A.22. VA National Primary Care Note Template: VA Primary Care New Patient - Musculoskeletal Section

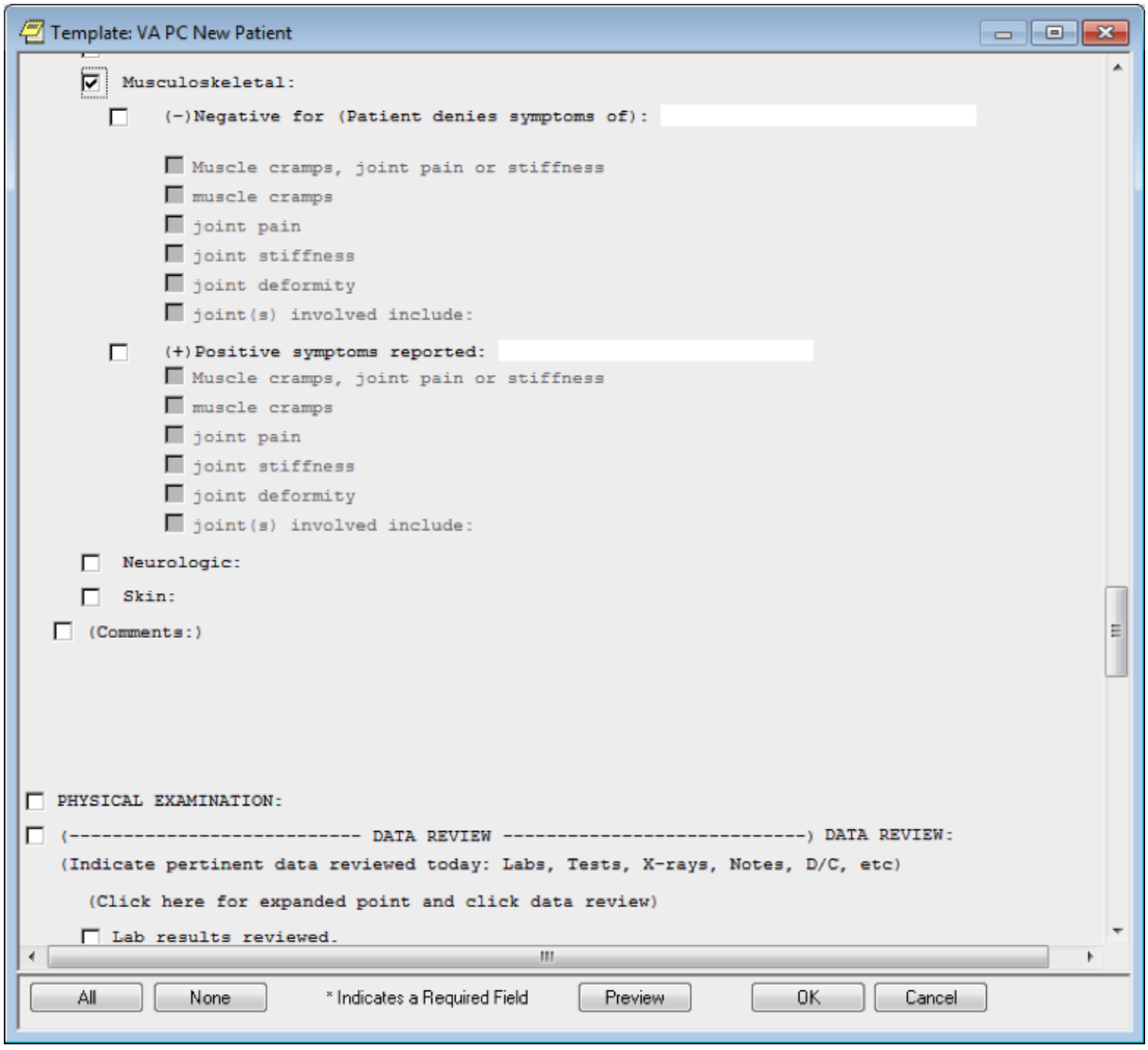


Figure A.23. VA National Primary Care Note Template: VA Primary Care New Patient - Neurologic Section

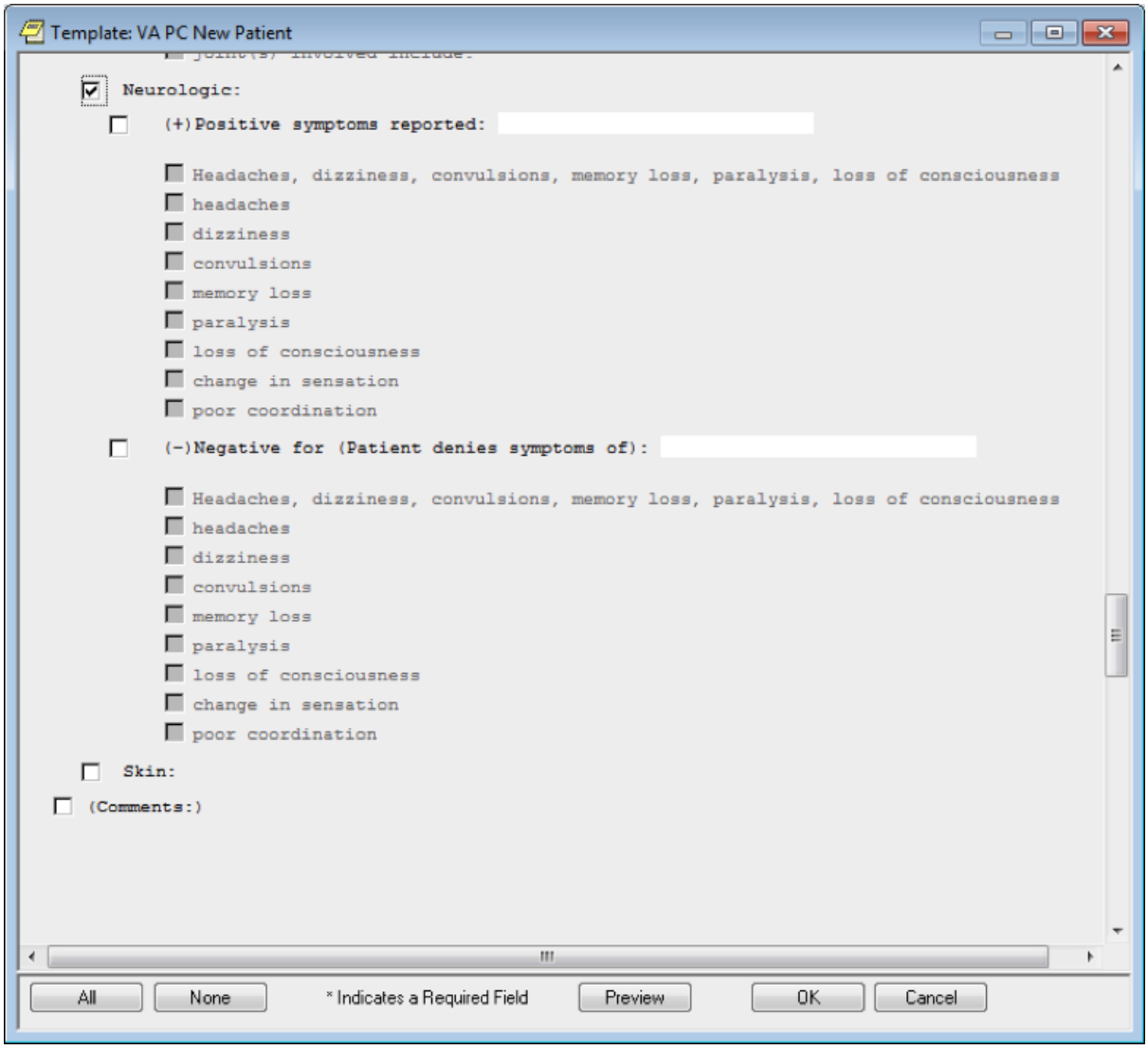


Figure A.24. VA National Primary Care Note Template: VA Primary Care New Patient - Skin Section

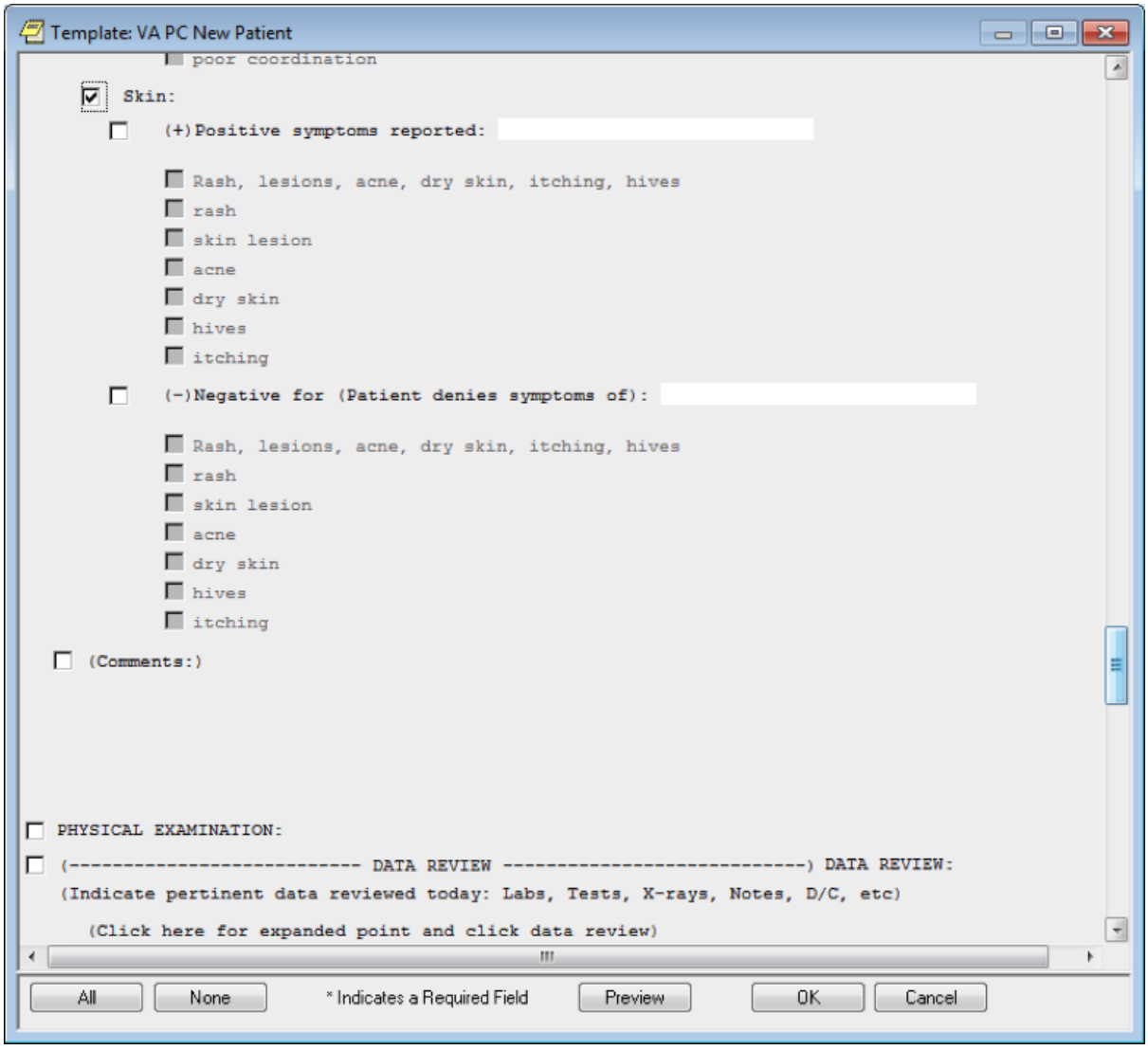


Figure A.25. VA National Primary Care Note Template: VA Primary Care New Patient - Skin Section with Added Comments

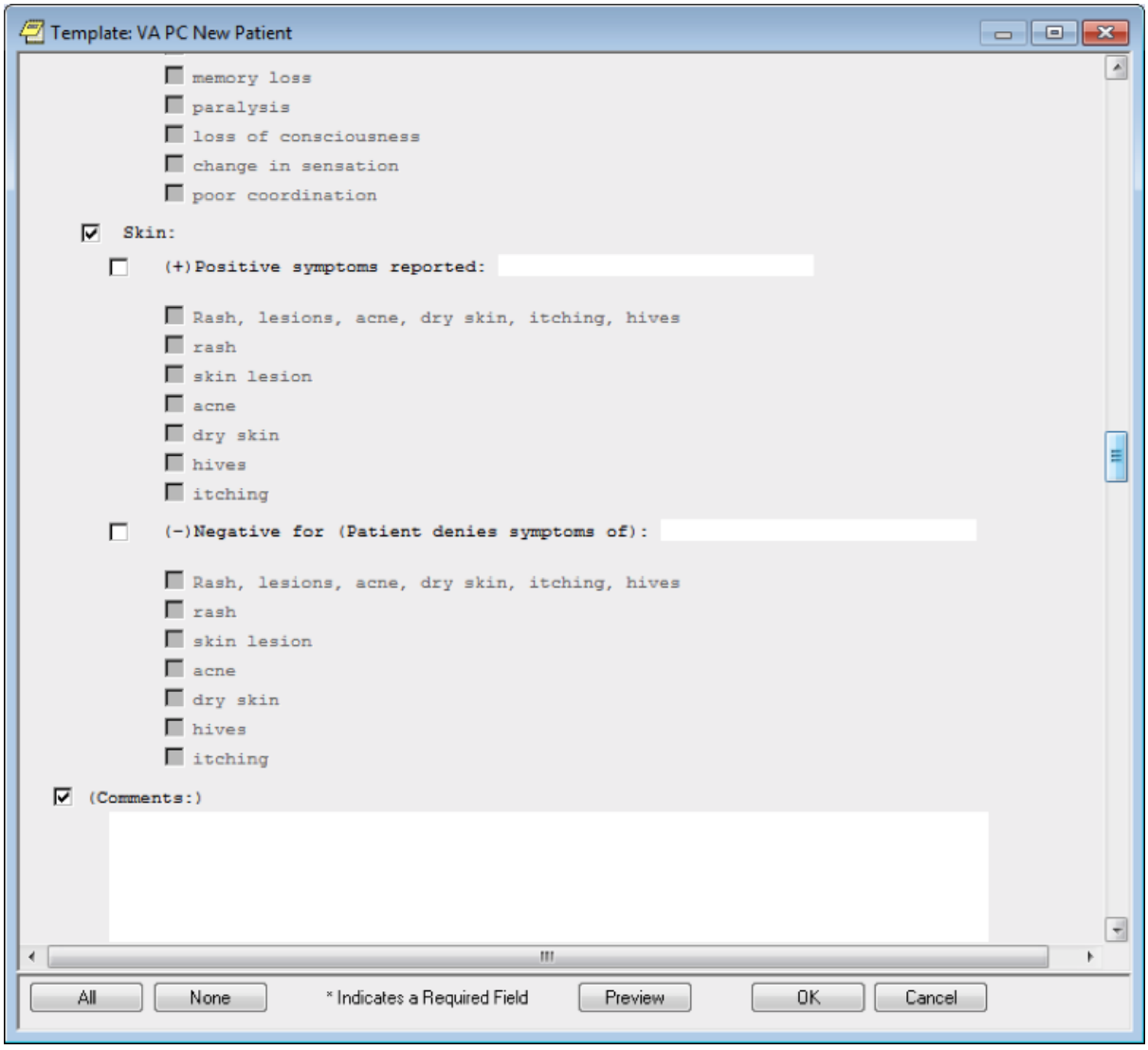


Figure A.26. VA National Primary Care Note Template: VA Primary Care New Patient - Physical Examination and Eye Exam Sections

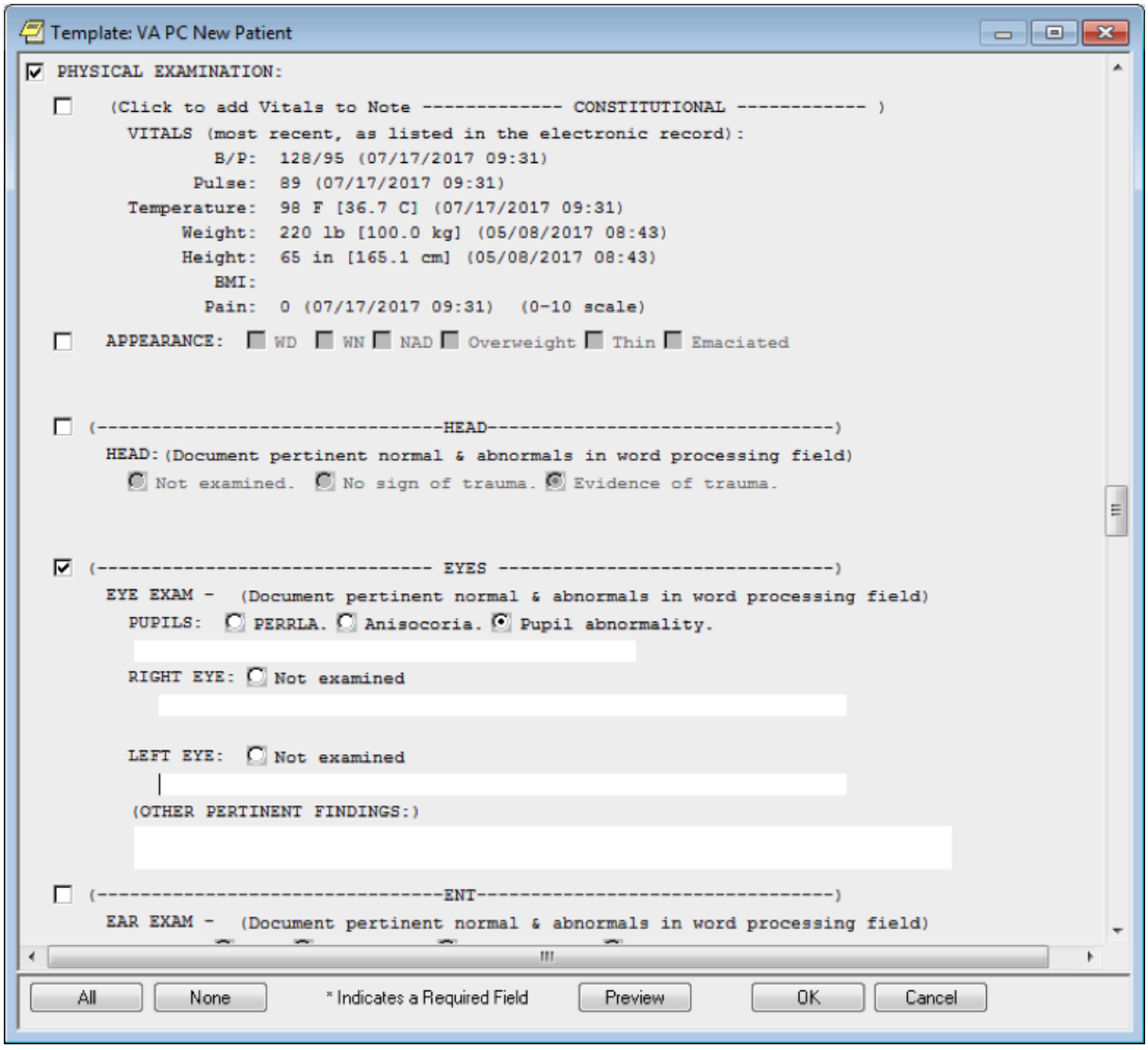


Figure A.27. VA National Primary Care Note Template: VA Primary Care New Patient - Ear, Nose, and Throat (ENT), Neck, and Chest Sections

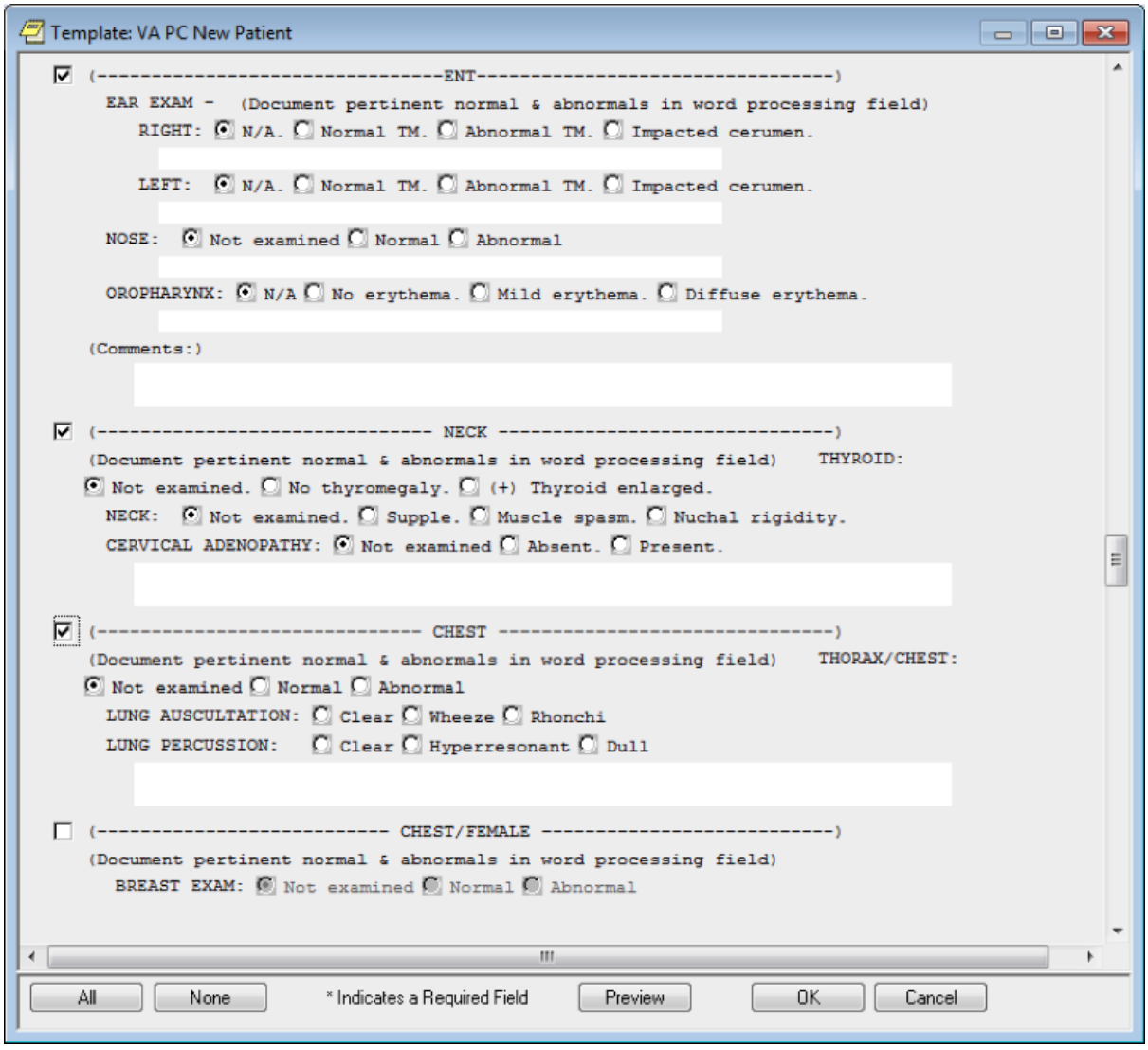


Figure A.28. VA National Primary Care Note Template: VA Primary Care New Patient - Chest/Female and Cardiovascular Sections

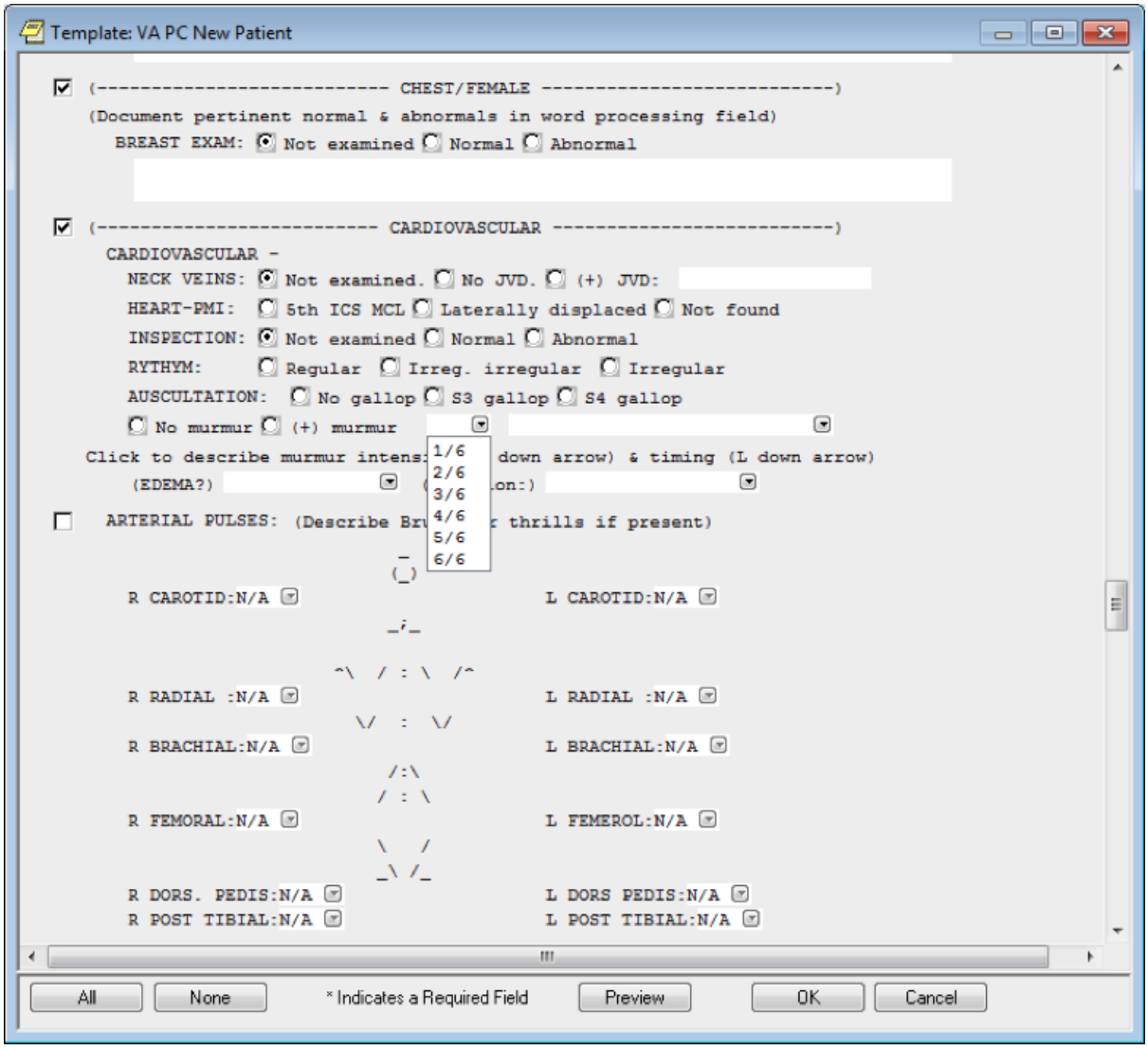


Figure A.29. VA National Primary Care Note Template: VA Primary Care New Patient - Chest/Female and Cardiovascular Sections - Specifying Auscultation Murmur Drop-down

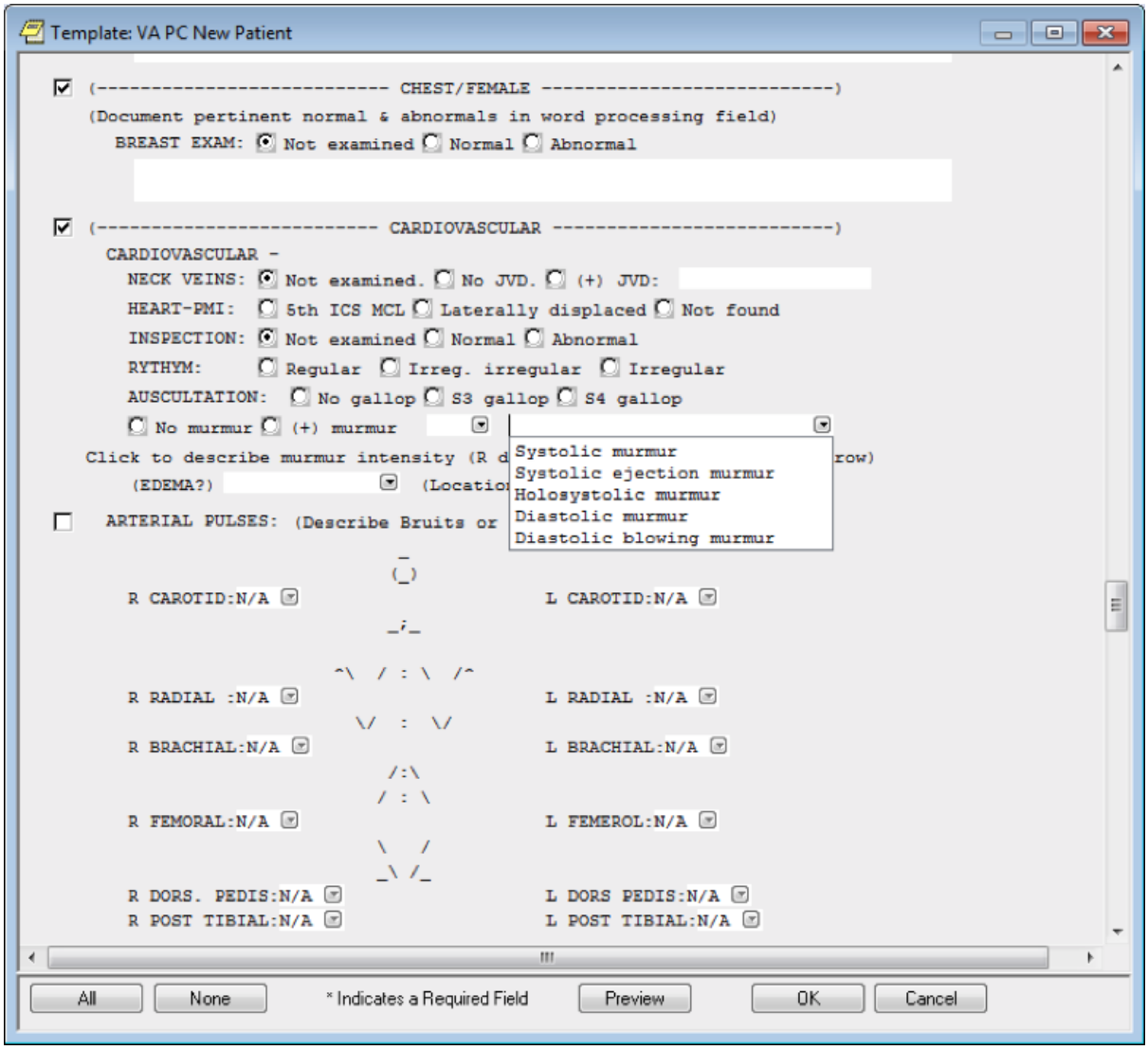


Figure A.30. VA National Primary Care Note Template: VA Primary Care New Patient - Chest/Female and Cardiovascular Sections - Specifying Edema Drop-down

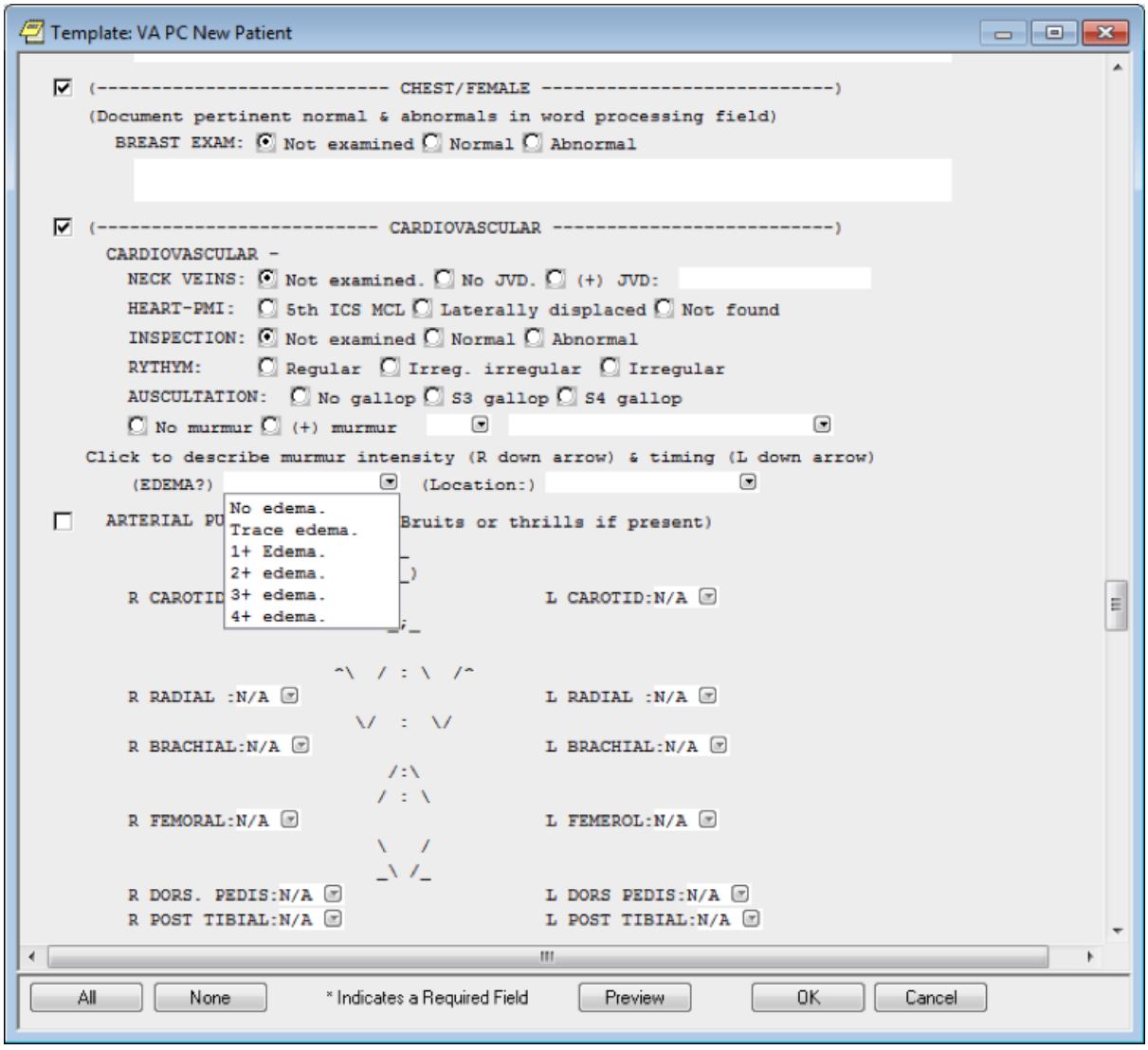


Figure A.31. VA National Primary Care Note Template: VA Primary Care New Patient - Chest/Female and Cardiovascular Sections, Specifying Edema Location

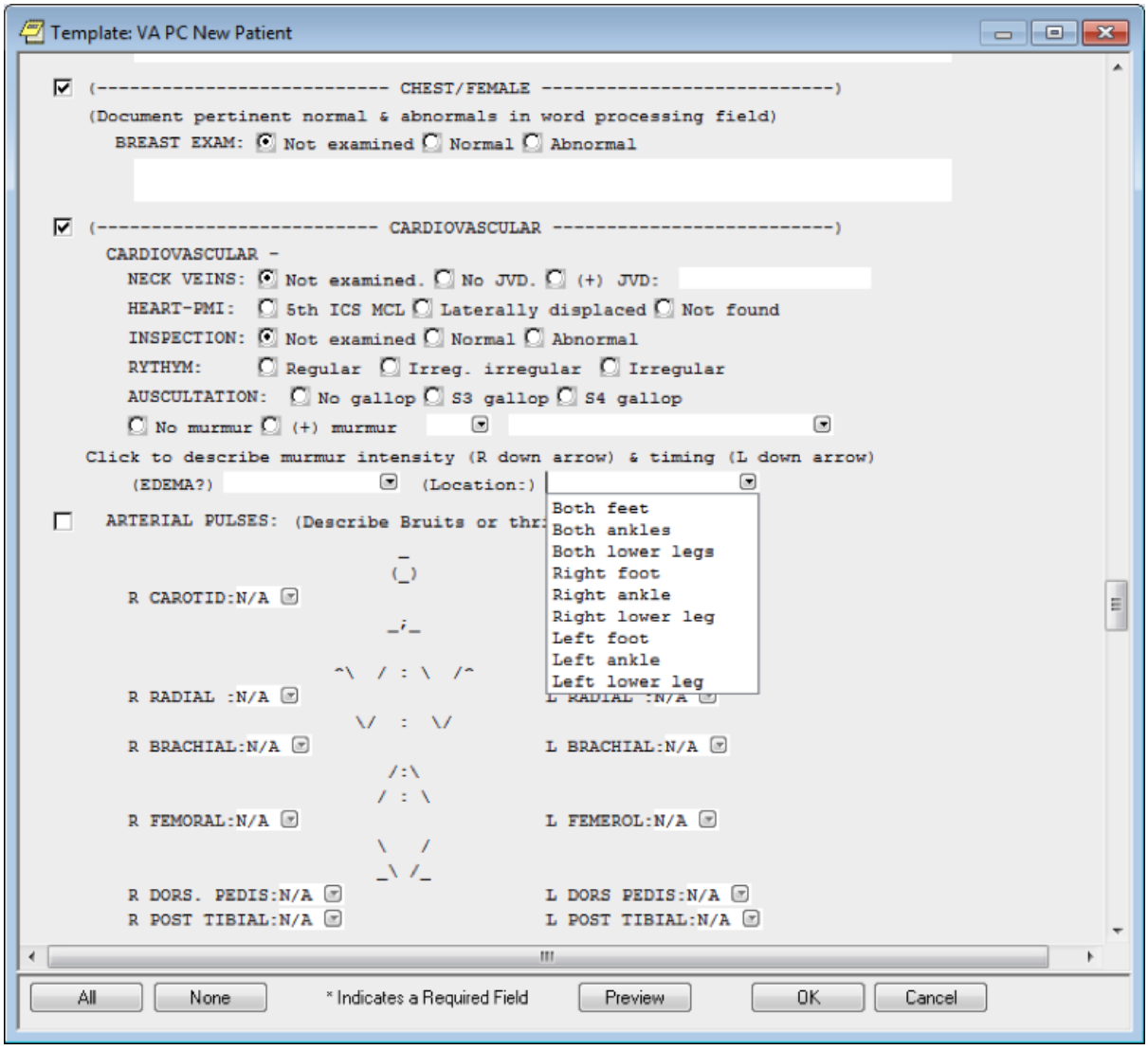


Figure A.32. VA National Primary Care Note Template: VA Primary Care New Patient - Arterial Pulses, R Carotid Section

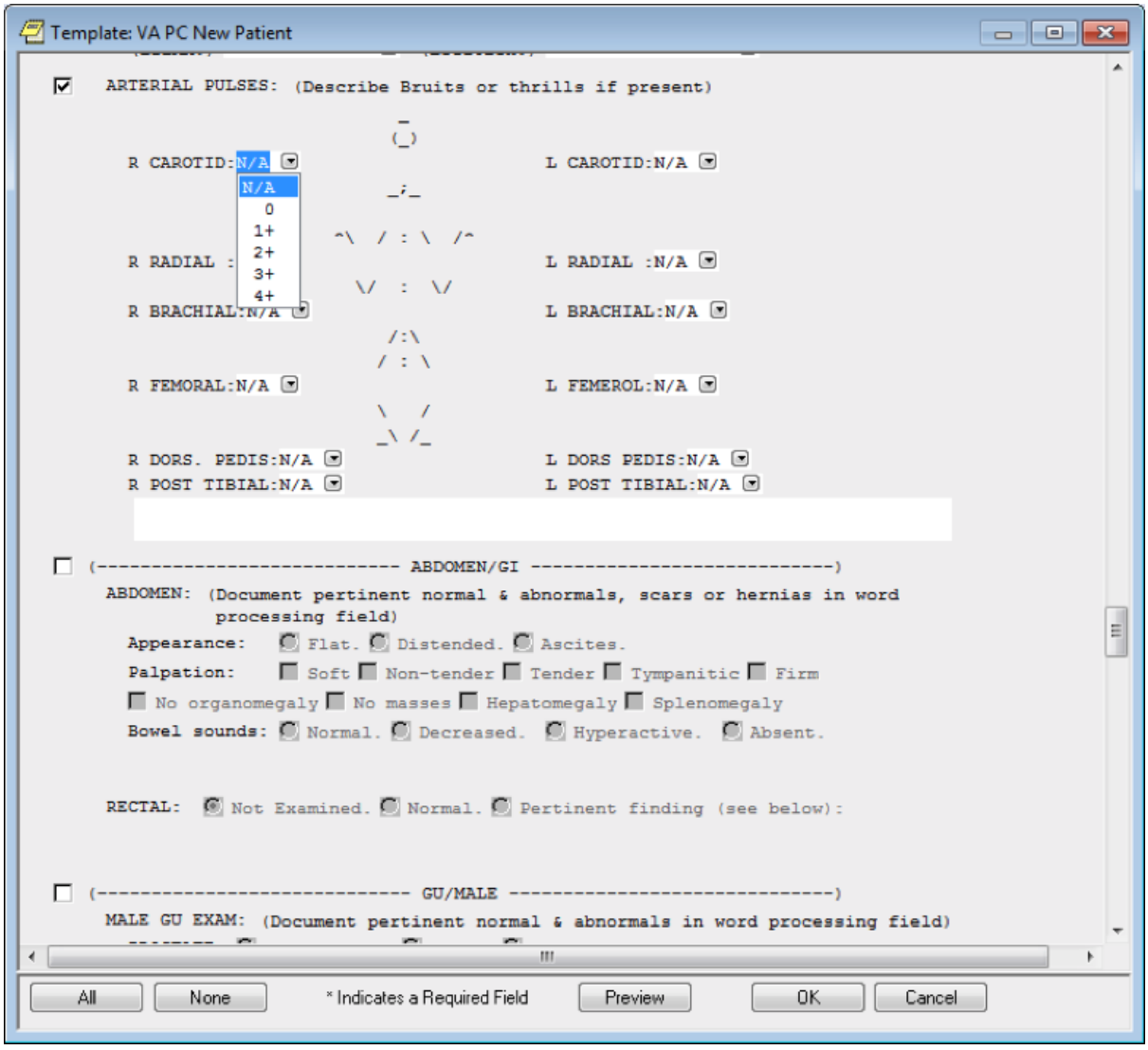


Figure A.33. VA National Primary Care Note Template: VA Primary Care New Patient - Extremities, Musculoskeletal, and Deep Tendon Reflexes Sections

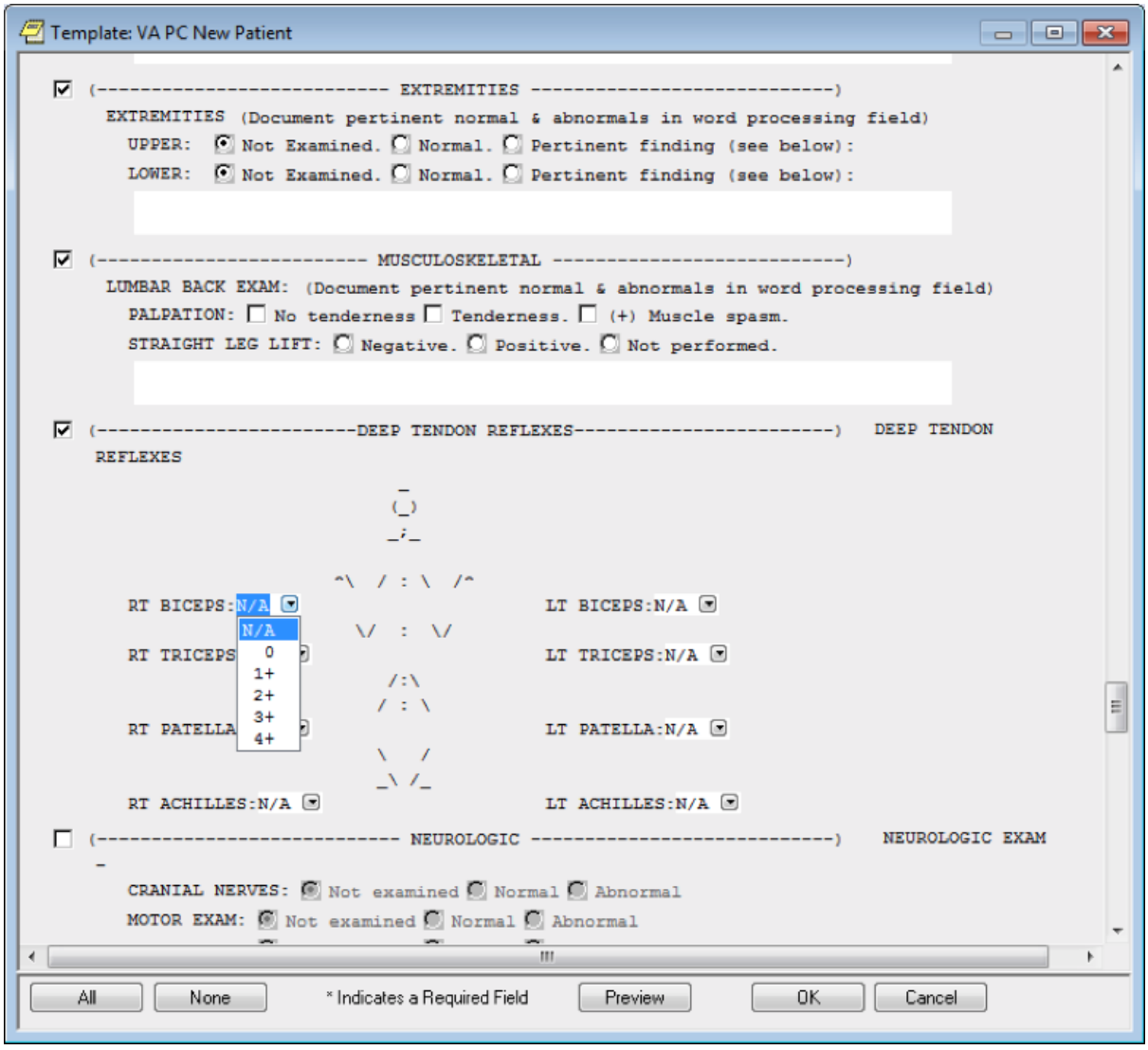


Figure A.34. VA National Primary Care Note Template: VA Primary Care New Patient - Abdomen/Gastroenterology (GI), Genitourinary (GU)/Male, and GU/Female Sections

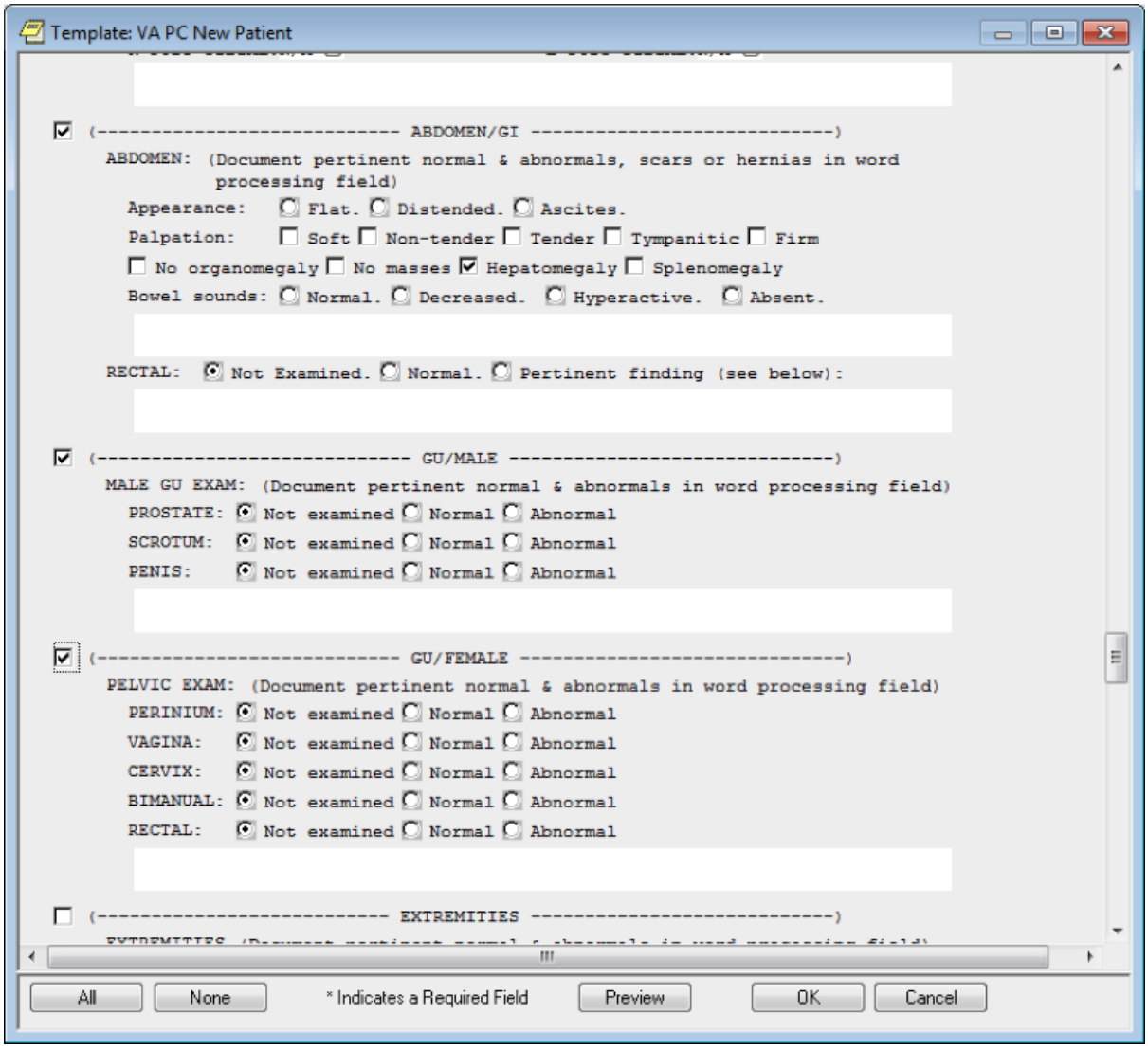


Figure A.35. VA National Primary Care Note Template: VA Primary Care New Patient - Neurologic, Lymphatics, Dermatology, and Psychiatric Sections

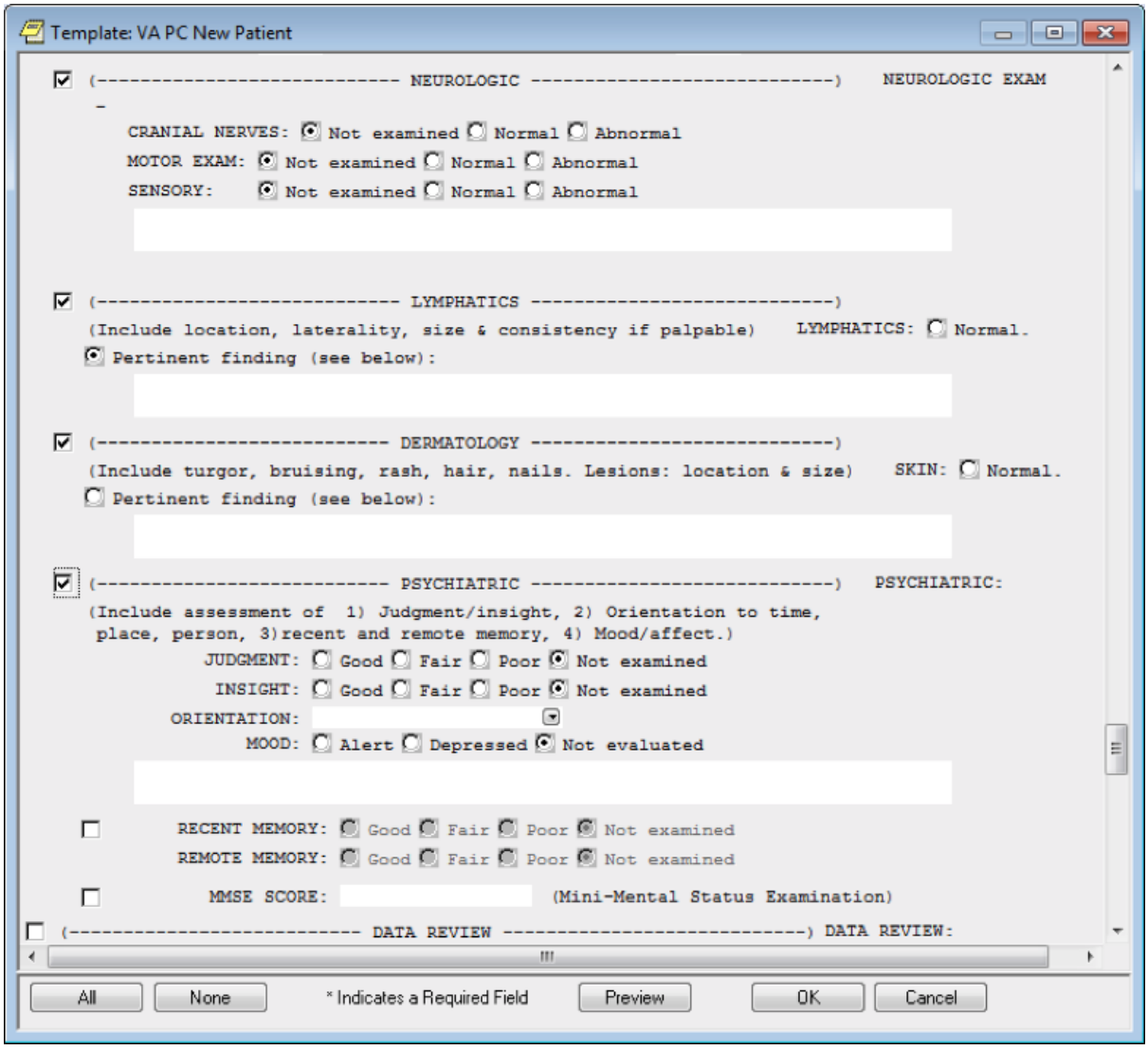


Figure A.36. VA National Primary Care Note Template: VA Primary Care New Patient - Psychiatric, Data including Lab Results Reviewed

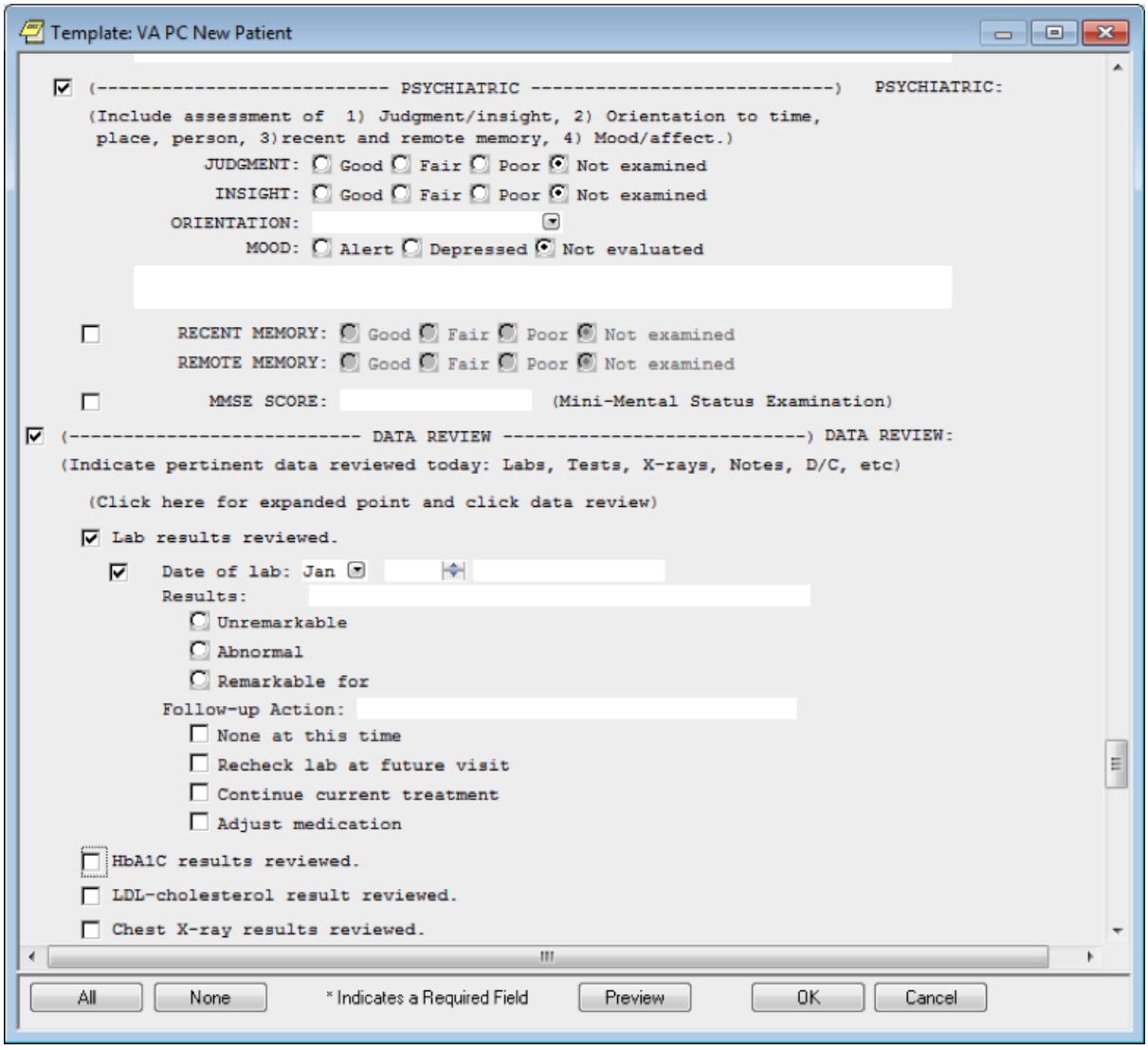


Figure A.37. VA National Primary Care Note Template: VA Primary Care New Patient - HbA1c and Low-density lipoprotein (LDL)-cholesterol Results Reviewed

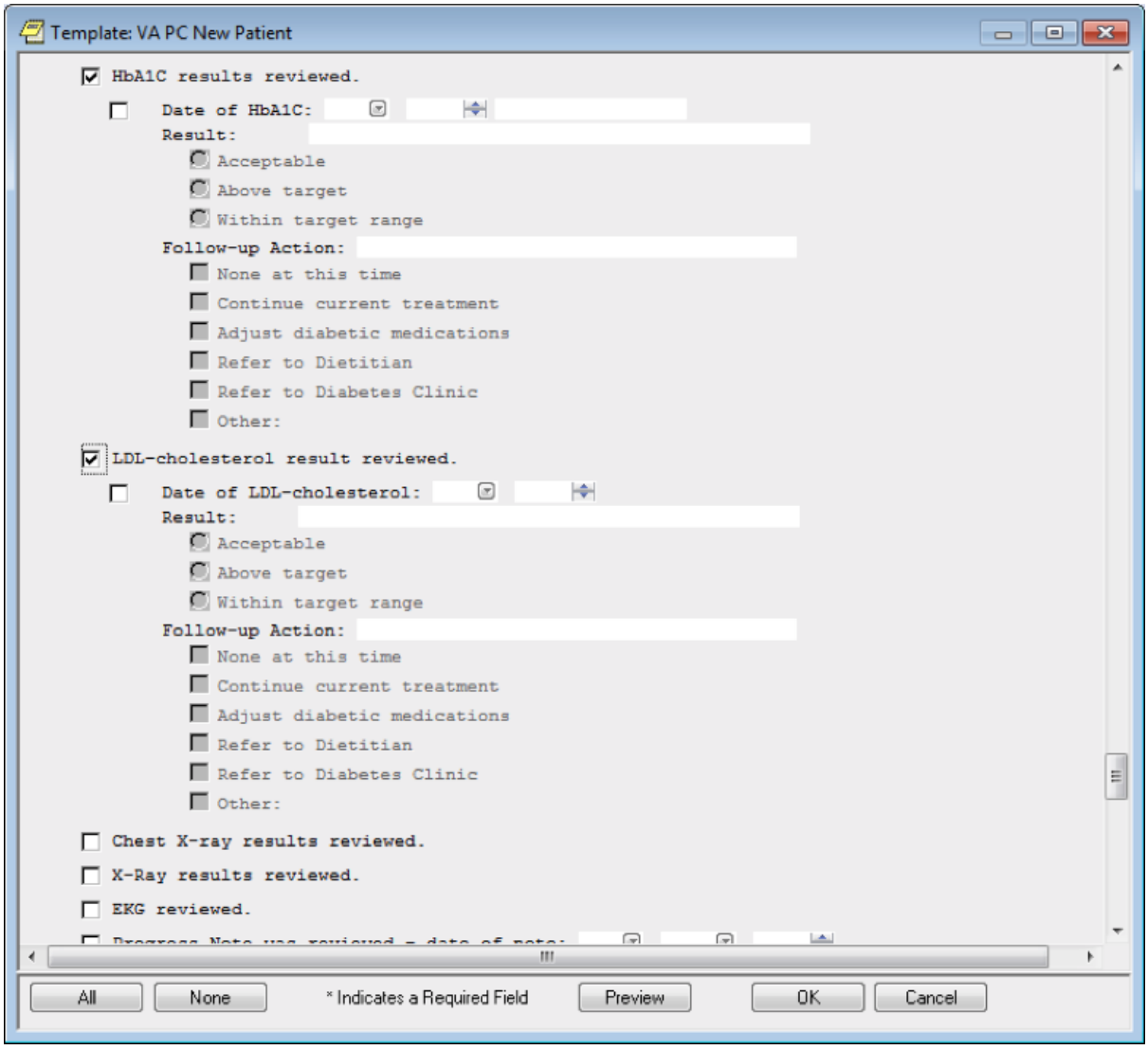


Figure A.38. VA National Primary Care Note Template: VA Primary Care New Patient - X-ray Results Reviewed

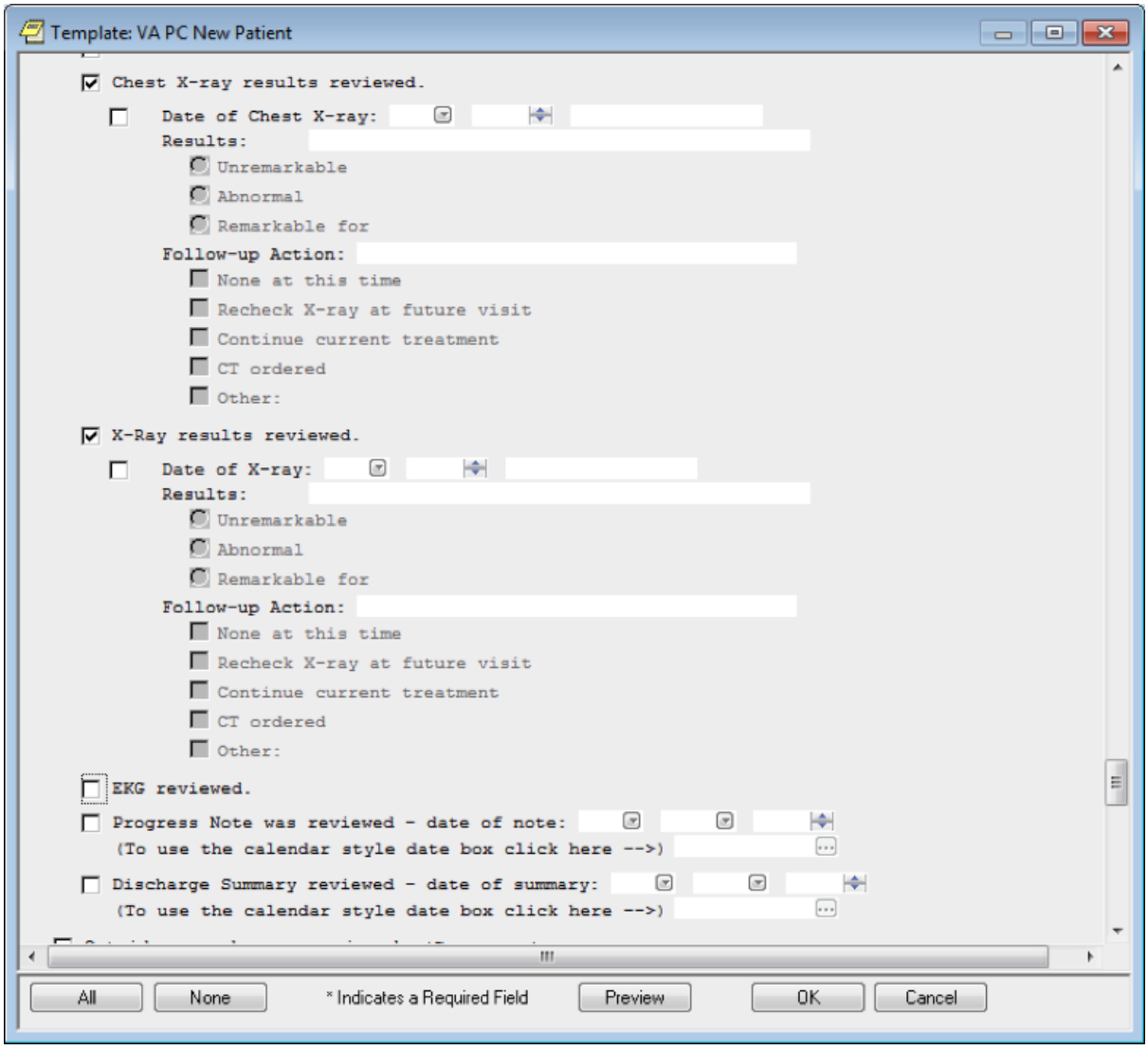


Figure A.39. VA National Primary Care Note Template: VA Primary Care New Patient – Electrocardiogram (EKG) Reviewed

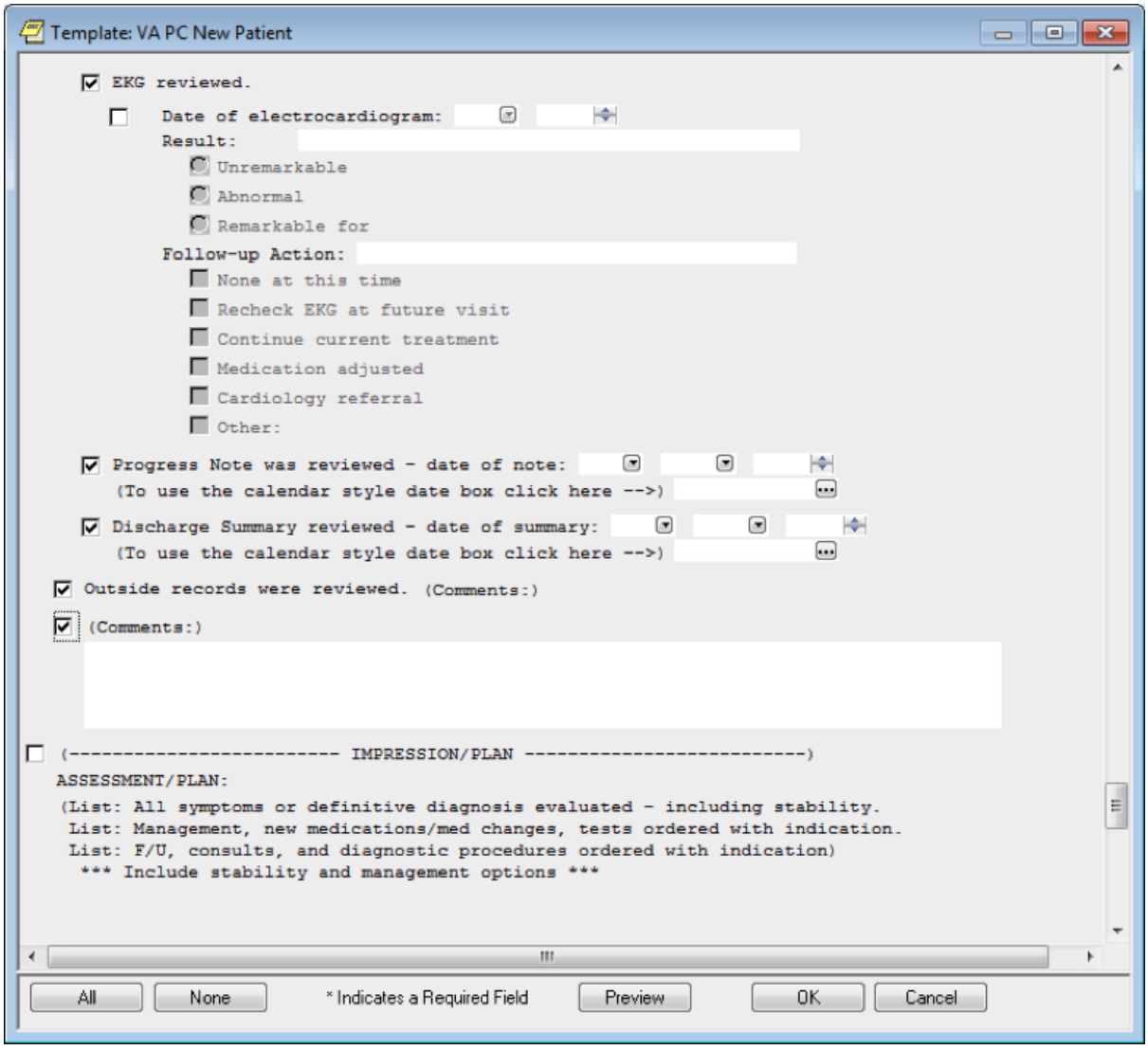


Figure A.40. VA National Primary Care Note Template: VA Primary Care New Patient - Impression/Plan

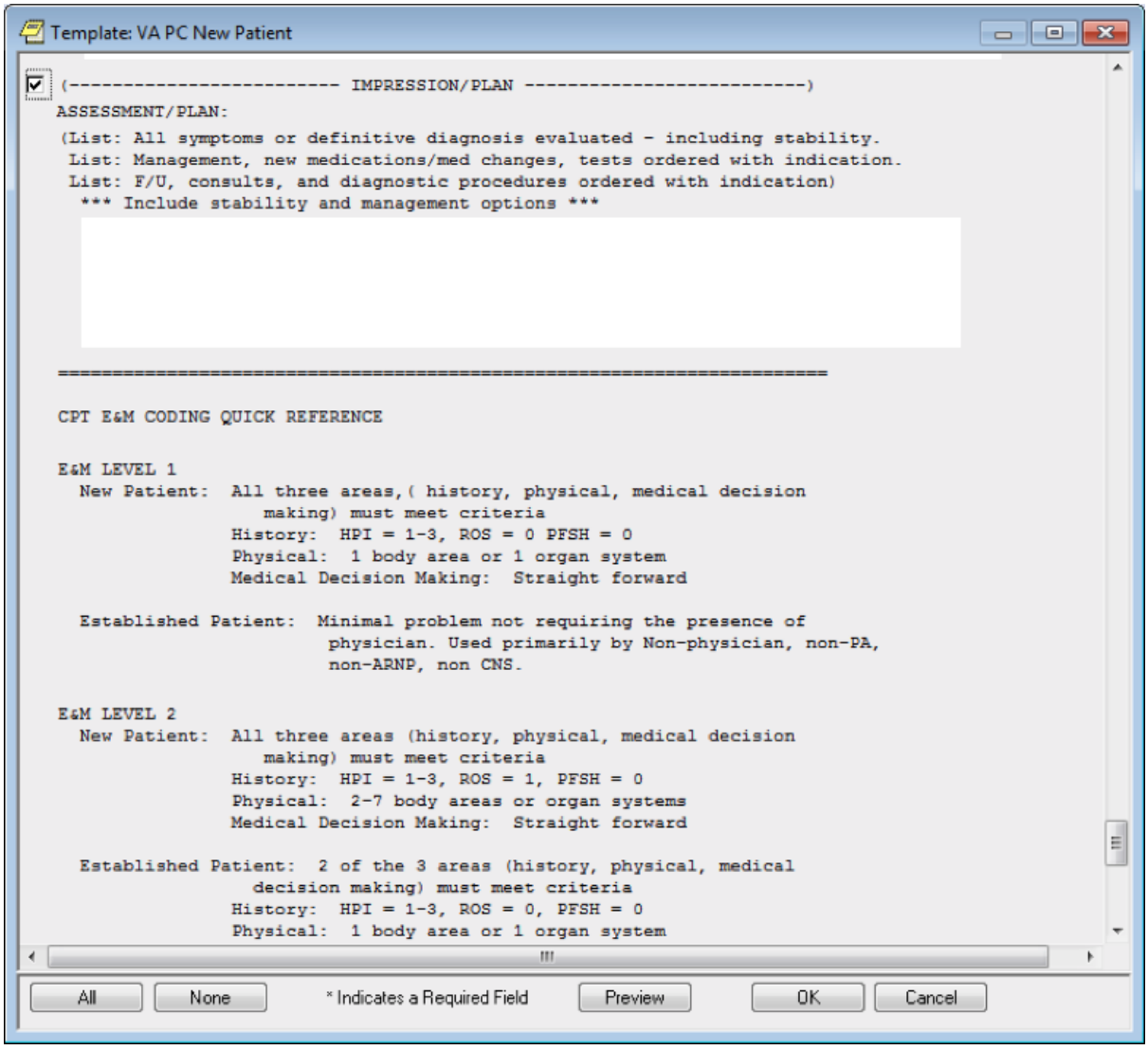


Figure A.41. VA National Primary Care Note Template: VA Primary Care New Patient - Evaluation and Management (E & M) Levels 3-5

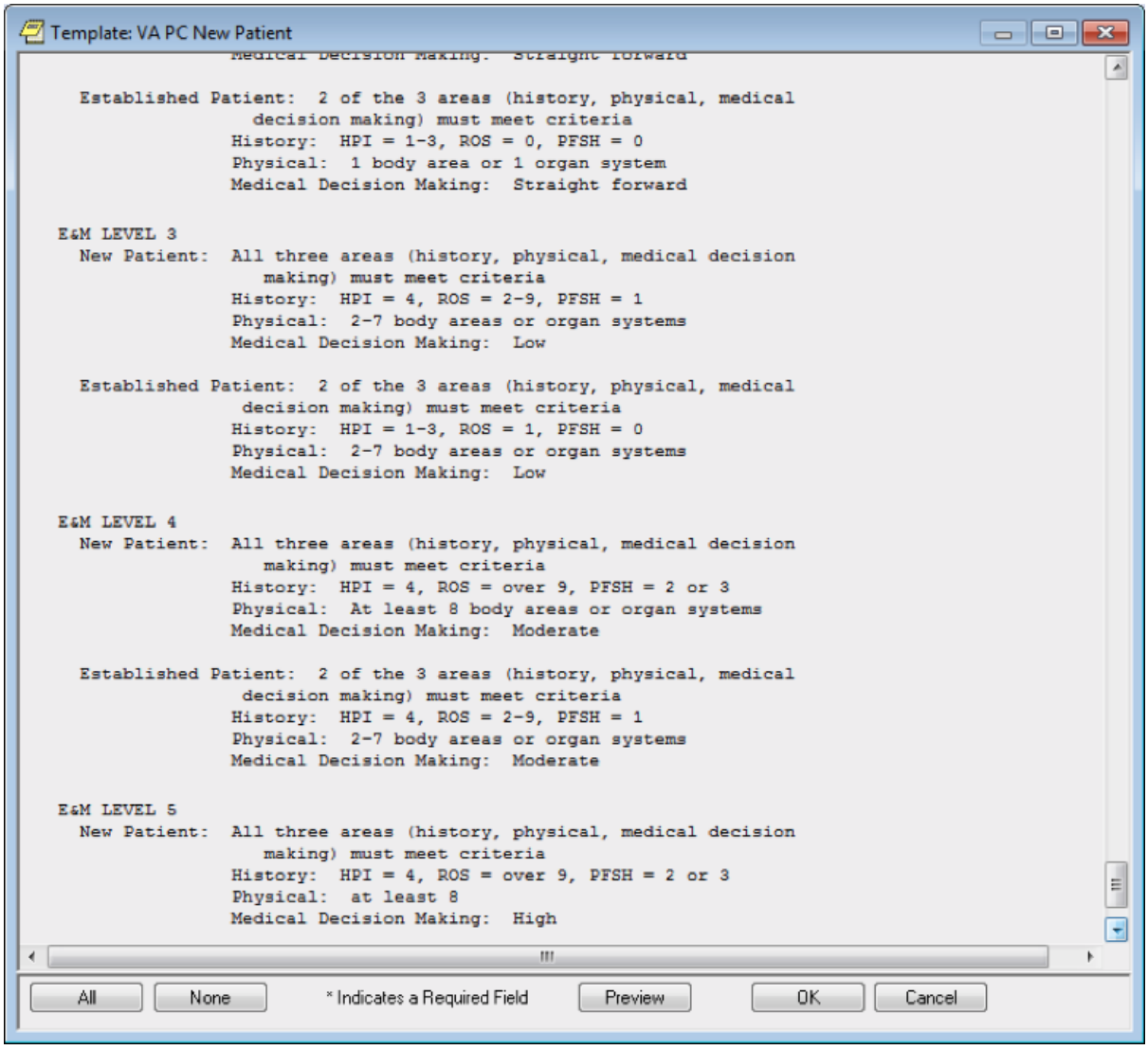


Figure A.42. VA National Primary Care Note Template: VA Primary Care New Patient – Evaluation and Management (E & M) Level 5: Established Patients

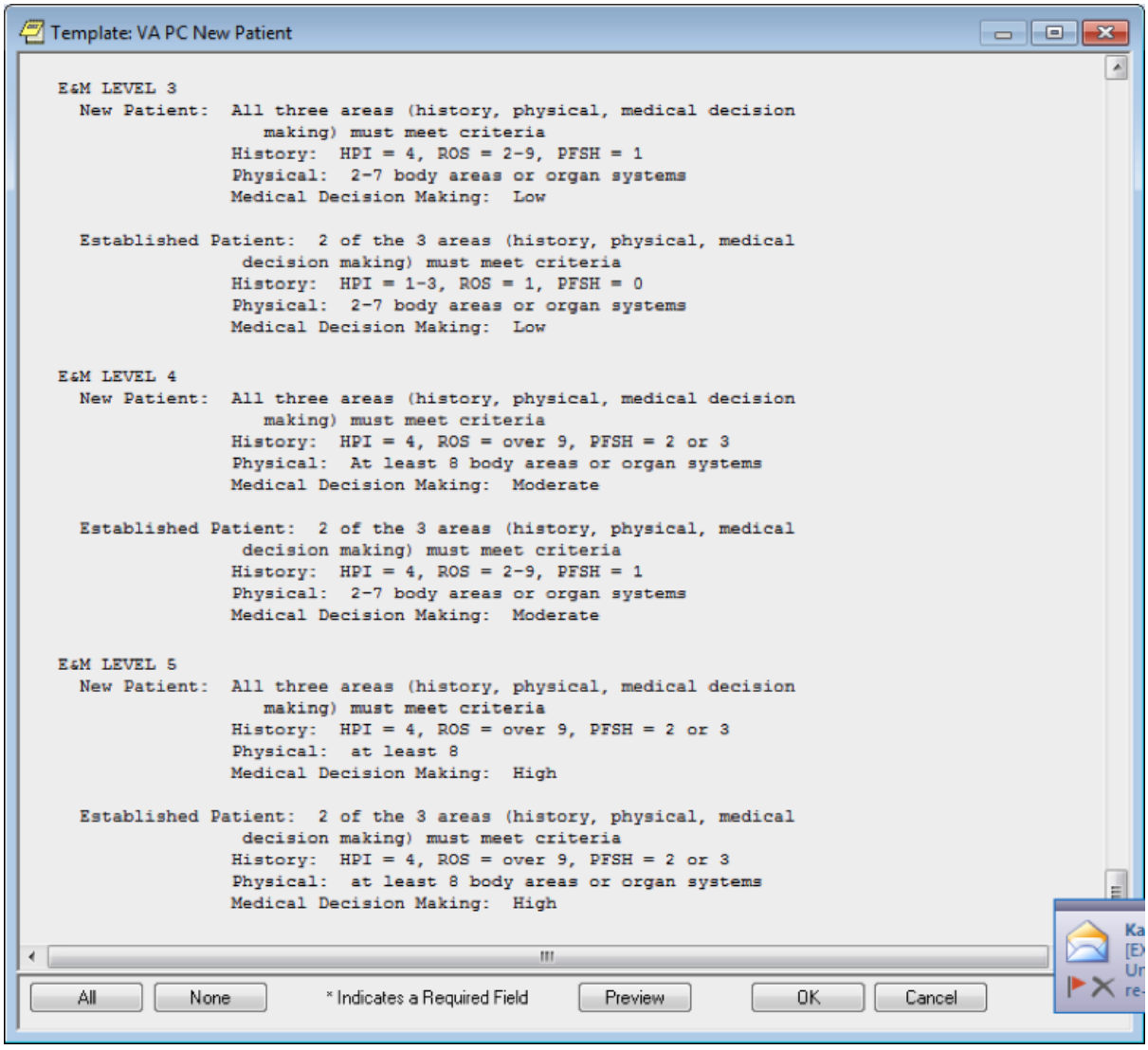
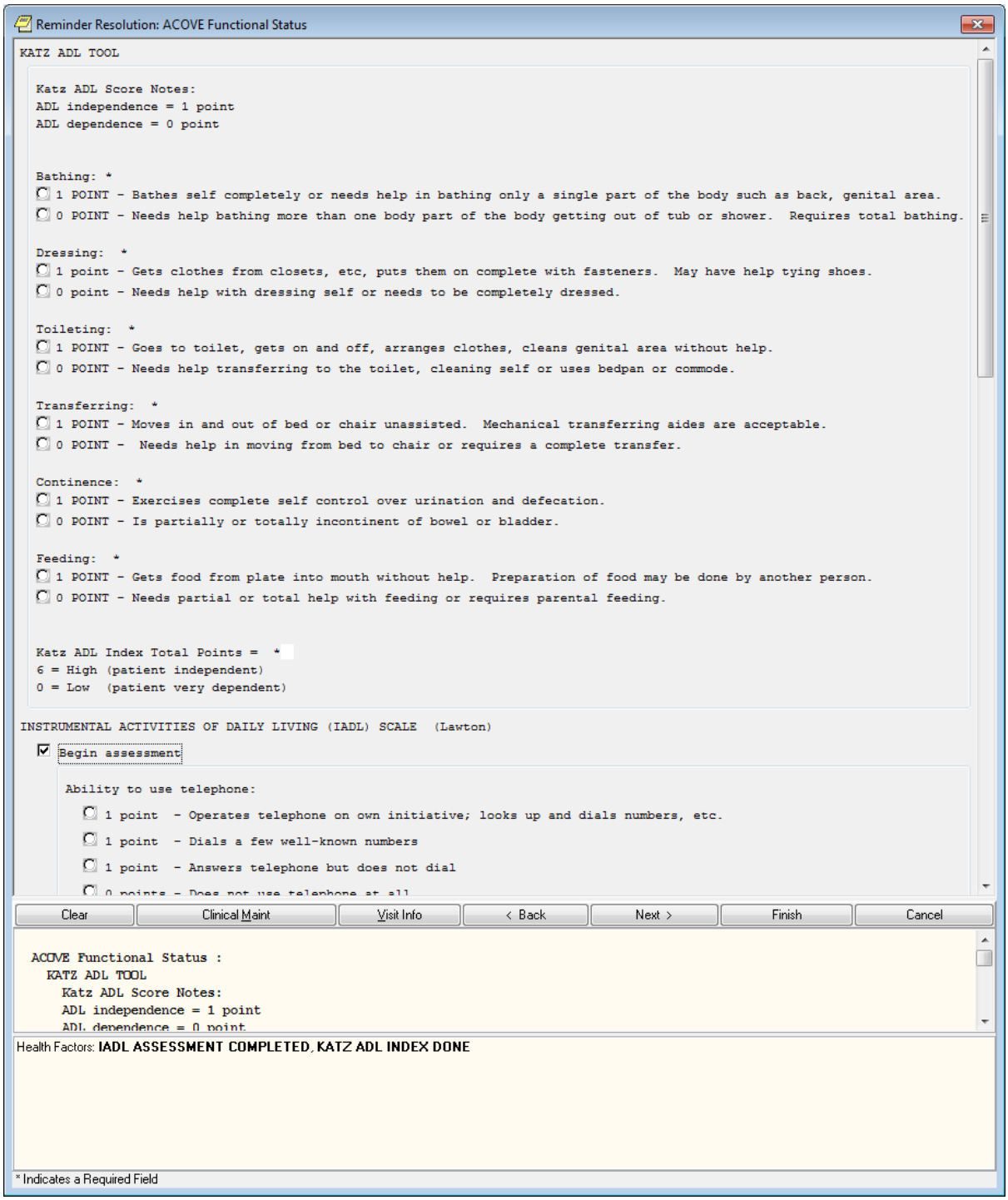


Figure A.43. VA National Primary Care Note Template: VA Primary Care Clinical Reminder Resolution Assessing Care of Vulnerable Elders (ACOVE) Functional Status



Appendix B. Basic Laboratory Panel Definition

Blood Urea Nitrogen

Calcium

Chloride

CO2 (Carbon Dioxide, Bicarbonate)

Creatinine

Glucose

Potassium

Sodium

Acronyms

Acronyms	Description
ACOVE	Assessing Care of Vulnerable Elders
BMI	Body Mass Index
BP	Blood Pressure
BPM	Beats Per Minute
CCWP	Clinical Content White Paper
CDS	Clinical Decision Support
CO2	Carbon Dioxide
DoD	Department of Defense
E&M	Evaluation and Management
EKG	Electrocardiogram
ENT	Ears, Nose, Throat
GI	Gastroenterology
GU	Genitourinary
HEENT	Head, Eyes, Ears, Nose, Throat
HL7	Health Level 7
KBS	Knowledge Based Systems
KNART	Knowledge Artifact
LDL	Low-density Lipoprotein
OIIG	Office of Informatics and Information Governance
OTC	Over the Counter
PTSD	Post-Traumatic Stress Disorder
SME	Subject Matter Expert
TO	Task Order
USPSTF	United States Preventive Services Task Force
VA	Department of Veterans Affairs
VACO	VA Central Office
VAMC	VA Medical Center